

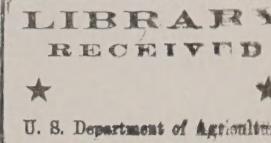
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WHOLESALE CATALOG

SPRING 1942



For

FLORISTS NURSERYMEN
MARKET GROWERS



ZINNIA, ROYAL PURPLE

56th YEAR

IMPORTERS and DEALERS

Flower, Garden and Grass Seeds—

Bulbs and Greenhouse Supplies

HARNDEN'S SEED STORE

507 WALNUT STREET

KANSAS CITY, MO.

PHONE VICTOR 1618

HARNDEN'S SEED STORE

507 WALNUT STREET

56th YEAR

KANSAS CITY, MISSOURI

Telephone Victor 1618

WHOLESALE PRICE LIST SPRING EDITION—1942

PLEASE NOTE: On account of the existing conditions, all prices are subject to market changes and present stock being unsold.

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TERMS OF SALE

Special Discount for Cash with Order

5% Discount for Cash on Flower and Small Garden Seeds

3% Discount for Cash on Spring and Fall Bulbs—Peas, Beans and Sweet Corn

2% Discount for Cash on Florist's and Greenhouse Supplies, Fertilizers, Spraying Materials, Sprayers and Other Supplies

Regular Terms { 2% 10 days—Net 60 days—on Flower and Garden Seeds and Bulbs
1% 10 days—Net 30 days—on all other supplies except Grass Seeds which are net cash

F. O. B. Kansas City, Mo. EXCEPT FLOWER SEEDS ARE POSTPAID

TERMS OF PAYMENT. To customers of approved credit we are pleased to allow the following terms. Garden Seeds, Flower Seeds, Spring and Fall Bulbs, 2% Discount if Paid in 10 Days, 60 Days net. Florist's and Greenhouse Supplies, Fertilizers, Sprayers, Spraying Materials and Other Supplies 1% Discount if Paid in 10 Days, 30 Days Net.

WHERE SOLD. All goods are sold f. o. b. Kansas City, Missouri, unless otherwise mentioned. Please state with your order how you want goods shipped. State distinctly Mail, Express or Freight.

PERISHABLE STOCK. Perishable plants, bulbs, etc., are positively not sent C. O. D.

ADVANCE ORDERS. Future orders booked for bulbs, seeds, plants, etc., not yet grown or harvested are subject to pro rata delivery in case of short crop.

INSURANCE. We insure all orders sent by parcel post amounting to \$2.00 and over at buyer's expense unless instructed not to do so.

DISCLAIMER. So many different conditions may arise regarding the germination of growth of seeds, bulbs or plants, such as planting too shallow or too deep, destruction by insects, frosts, chemical changes, etc., that we are forced to sell our seeds under the non-guarantee rule of all seedsmen, viz: THE HARNDEN SEED STORE, while it exercises great care in the selection of its seeds, gives no warranty, expressed or implied, as to description, purity, productiveness of any seeds, bulbs or shrubs it sends out and it does not in any way guarantee them and cannot be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

NOVELTIES AND SPECIALTIES

MORNING GLORY—Pearly Gates



MORNING GLORY, PEARLY GATES

The flowers are a lovely lustrous white with creamy shading deep down in the throat. They average four and one-half inches across. The vigorous, fast climbing vines are covered with bloom from the middle of summer until frost. The leaves are heart shaped, fresh light green in color, and luxurious in growth. Pearly Gates is a wonderful companion for Heavenly Blue and is sure to be just as popular. It rivals Heavenly Blue in strength of vine and size of blossoms and does equally as well in all sections of the country. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00.

ORIENTALE POPPY—Salmon Shades

Salmon and salmon-pink tints are a fine new development in this hardy perennial. The vigorous plants reach a height of forty inches, and the magnificent blossoms measure five to six inches in diameter. There is a wealth of bloom from spring to late summer. Trade pkt., 50c.

ZINNIA LILLIPUT—Black Ruby

A new color in Lilliput Zinnias—rich, blackish maroon. While the color is extremely deep it is by no means dull, for the velvety texture of the petals gives it a very rich appearance.

Flowers are double, 1 to $1\frac{1}{2}$ inches in diameter and the same in depth. They are borne on very long, straight and wiry stems so are highly prized for cutting. Plants form erect bushes 2 feet tall with a spread of about $1\frac{1}{2}$ feet. Trade pkt., 25c; $\frac{1}{4}$ oz., 45c; oz., \$1.50.

MARIGOLD (Double French) SPRY

The most profuse blooming of all Marigolds. Plants are of the true Lilliput form, extremely dwarf and compact, being about 9 inches high and spreading 15 inches. Suited for borders, edgings, and pots. Flowers grow $1\frac{1}{2}$ inches across and have a bright, clear yellow crested center surrounded by several rows of mahogany red guard petals. These flowers cover the tiny plants which come into bloom in less than 9 weeks from seed. Trade pkt., 35c; $\frac{1}{4}$ oz., 75c; oz., \$2.50.

MARIGOLD (Double French) SCARLET GLOW

The brightest red of all Dwarf Double French Marigolds. Flowers open deep scarlet and as they age turn to a rich tangerine color. They are fully double, $1\frac{3}{4}$ to 2 inches across, and borne most profusely on dwarf plants which obtain a height of 10 inches and a spread of 18 inches. Begins to bloom in 10 weeks from seed and continues until frost. Ideal for beds, borders and edgings; stems are long enough for cutting. Trade pkt., 35c; $\frac{1}{4}$ oz., 75c; oz., \$2.50.

ZINNIA (Lilliput) CUPID

Small, button-like flowers, dwarf, 1 in., well formed plants. Pixie, bright yellow; Tiny Tim, rich scarlet; Finest Mixed. Each of the above: Trade pkt., 20c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

ZINNIA—Royal Purple

The deep rich reddish purple tones of our Royal Purple Zinnia are a charming reminder of the soft velvet of regal robes. This brand-new shade in the Dahlia Flowered class is well named. It is even deeper and richer in hue than Purple Prince.

The plants of Royal Purple grow on the average two and one-half to three feet tall and are very uniform in habit. The extra-large double blossoms are about four inches in diameter and of excellent form. Trade pkt., 25c; $\frac{1}{4}$ oz., 60c; oz., \$2.00.

SWEET PEAS—Early Flowering

EARLY MAGIC. An outstanding new variety of delicate mauve or rosy lavender, which Ridgeway's chart describes as "chinese violet." Exceptionally large flowers, with graceful duplexing which adds to their charm. The flowers, on extremely long, strong stems, are usually four in number. $\frac{1}{2}$ oz., 75c; oz., \$1.40.

EARLY DAWN. A glowing deep chamois pink which surpasses all others in its class in warmth of tone. The cream base and the vivid color make this delightful variety superb under artificial light. Long, strong stems, most of which bear four flowers of great size. $\frac{1}{2}$ oz., 75c; oz., \$1.40.

EARLY GERANIUM. Warm salmon cerise, the salmon appearing as an overlay on the clear cerise of both wings and standard. The flowers are unusually large and frequently duplexed, adding greatly to their effectiveness in a bouquet. The stems keep their great length over a long period, a quality very desirable for both commercial and home garden culture. $\frac{1}{2}$ oz., 75c; oz., \$1.40.

NOVELTIES AND SPECIALTIES

FLORISTS PETUNIAS

BLUE BROCADE



DOUBLE PETUNIA BLUE BROCADE

DOUBLE LARGE FLOWERING

Victorious All-Double

Blue Brocade—This is a fine true violet-blue-colored, giant fringed, all-double Petunia that won the highest number of votes in this year's All American Selections. The habit of the plant is dwarf and very uniform, making it equally valuable to the florist and for bedding. $\frac{1}{2}$ Trade pkt., \$1.25; Trade pkt., \$2.50.

ALL-DOUBLE PETUNIAS

We offer Originator's seed only. New crop seed.

All-Double Amaranth Red. Rich deep red.

All-Double Deep Velvet Purple. New, true rich purple velvet-like texture.

All-Double Dwarf Carmine Glory. Brilliant carmine flowers (Peony-flowered).

All-Double Dwarf Giant Fringed Loveliness. Clear pink. Very double compact habit.

All-Double Gaiety. Rose-red and white with beautifully frilled petals.

All-Double Dwarf Word Beauty (Pink Perfection). Fringed bright carmine flowers.

All-Double Appleblossom (Daintiness). Soft salmon-pink flowers.

All-Double Dwarf Giant Fringed Mixed (Victorious).

Prices for the All-Double Petunias except where noted: 500 seeds, \$1.25; about 1000 seeds, \$2.50.

TOPAZ QUEEN

Another striking and original color in bedding petunias. The shade of color, brilliant scarlet rose, is a dazzling one. Topaz Queen is a semi-dwarf Hybrida, of exceptionally strong growth. This growth together with its strong color will give it outstanding value for bedding where summers are trying. We find it a week to 10 days later than the dwarf Hybrids in getting into flower. Trade pkt., 35c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00; 1 oz., \$7.00.

RADIANCE

There is more rich brilliance and life in the color of RADIANCE than in any Petunia, regardless of type, that we know of. A cerise rose with enough underlying salmon to remove the harshness commonly found in a cerise rose without losing the brilliance, in fact seeming to intensify it. The throat is golden yellow below where the bloom starts to flare. This adds warmth and life to the general color.

This new Petunia is decidedly floriferous and holds its uniform and neat habit well into the late fall. The blooms are $2\frac{1}{2}$ to 3 inches in diameter. Trade pkt., 35c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75.

VIOLET GEM

VIOLET GEM, like its predecessors in this class, is a true miniature in every respect. The plants are neat, dwarf and compact. The blooms are just the size you would expect to find on this type of plant, free blooming almost to a fault, because throughout the season the rich violet blooms are so plentiful that they all but completely hide the clean, dark green foliage. The plants maintain their dwarf and compact miniature form surprisingly well all season. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.50.

MARTHA WASHINGTON

Nicely ruffled; light pink with dark veined throat; extra compact. Award of Merit, All-America Selections. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.50.

FIRST LADY

FIRST LADY is the clearest pink in all existing varieties of Petunias: a new color of light pink. The individual flower measures over $2\frac{1}{2}$ inches across. Like Glow, this is very free flowering. Makes dwarf bushy, ball-shaped growth and of the robust easy grower. Has very long flowering season as it continuously throws out the blooms from spring to frost. Strong sun cannot burn the beautiful color. Trade pkt., 35c; $\frac{1}{8}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00.

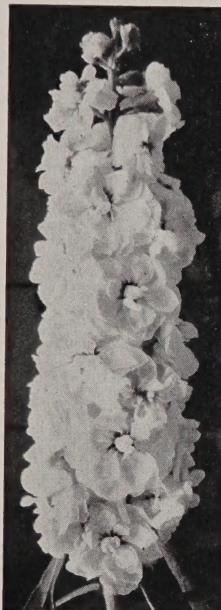


NEW PETUNIA—FIRST LADY

NOVELTIES AND SPECIALTIES

STOCKS

Double Giant Column GARDENIA



STOCK GARDENIA

Glistening white. The flowers are the purest snow white of any variety of stock yet introduced. Immense size, robust habit with a high percentage of doubles. Is in a class by itself. $\frac{1}{8}$ oz., \$2.25; trade pkt., \$1.00.

VERBENA (*Hybrida Grandiflora*) FLAMINGO

A mammoth flowered variety with a head of florets that is over two inches deep. Its vivid rose pink color shows up to perfection on the large individual florets. It has the semi-erect grandiflora habit and is a heavy producer of long stems and large flowers. Ten to twelve stems are found on each plant and each carry two, three and four flowers. Trade pkt., 35c; $\frac{1}{4}$ oz., 70c.

SCABIOSA "Peace"

Pure white, Large Flowered Medium Dwarf. The delightful flowers are $1\frac{1}{2}$ to 2 inches across, of perfect form, almost spherical in shape; pure white without any tinge of pink or mauve. Sturdy, vigorous, 2-ft. plants. Tr. pkt., 25c; $\frac{1}{4}$ oz., 55c; oz., \$1.75.

MARIGOLD AFRICAN LITTLE GIANTS

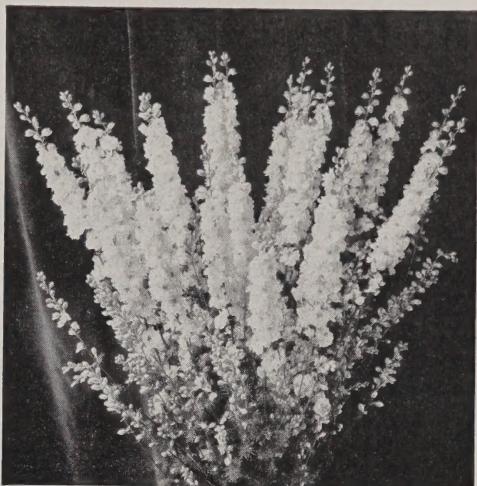
Mixed. Throws blooms varying in form from the informal Carnation type to the perfect *Fistulosa* globe. The plants are very closely compact and the stems short. Its foliage is a beautiful dark bluish green. Although Little Giants range in height from 10 to 15 inches, a fraction percentage of taller plants will show up. However, these are easily detected at the transplanting stage as they all have light colored foliage—Little Giants being a deep bluish green. Little Giants is strongly recommended for bedding and pot plants, especially the latter—as it will bloom a head of twenty-five flowers all at the same time. Color ranges from a yellow to a very bright orange. Trade pkt., 25c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

MARIGOLD BURPEE'S GOLD

Odorless foliage. Here is truly a Marigold with a host of things to command it—even, rich, deep orange color, large flowers, $3\frac{1}{2}$ inches across, beautiful Carnation-like form, attractive habit, uniformity of color and blooming time, full doubleness with no singles, earliness, and above all absolute freedom from the usual Marigold odor. Flowers somewhat resemble Guinea Gold, being made up of loosely arranged rays or petals which are shallowly fluted. Trade pkt., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.40.

LARKSPUR—Cockade Type

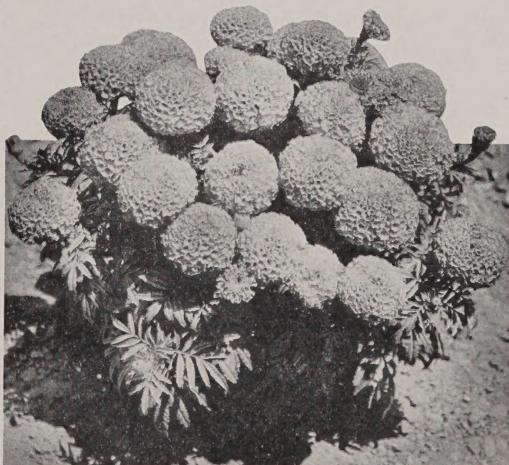
An improved strain of the base branching Giant Imperial type—producing a more symmetrical plant with longer flowering spikes and closer spaced florets. Blue Cockade, rich lilac blue; Cinnabar Cockade, brilliant rose red; Rose Cockade, salmon rose; Salmon Pink Cockade. Each of the above: Trade pkt., 25c; $\frac{1}{4}$ oz., 35c; oz., 90c.



LARKSPUR-COCKADE-TYPE

HOLLYHOCK ANNUAL INDIAN SPRING

Indian Spring is one of the loveliest summer annuals, and blooming as it does the first year in less than five months after seed is sown, it is a flower for everybody's garden. A profuse bloomer, there is a colorful display of the semi-double, crinkly edged flowers for several weeks during the summer. After the first bloom is past, if the plants are cut back they will produce a second crop of blooms the same season. While rose pink predominates, variations will occur from a very light pink to an almost crimson rose shade. Normally $3\frac{1}{2}$ ft. to 4 ft. tall, plants may grow as high as 6 ft. in some sections. Indian Spring is well worth adding to the list of easy-to-grow annuals. Trade pkt., 25c; $\frac{1}{4}$ oz., 50c.



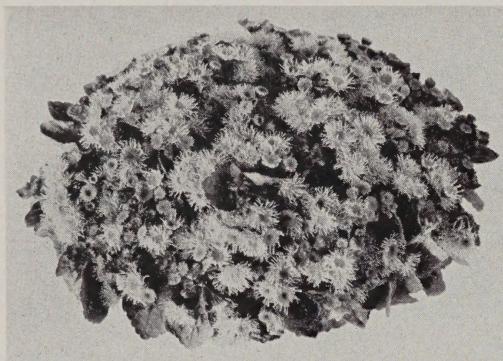
MARIGOLD AFRICAN LITTLE GIANTS

Harnden's Fine Flower Seeds

ANNUALS for GREENHOUSE and OUTDOOR CULTURE

For Perennials and Biennials (See Pages 21 to 26)

AGERATUM



AGERATUM MIDGET BLUE

	Trade pkt.	Oz.
Imperial Dwarf, Blue.....	.15	.50
Blue Perfection. Best dark blue bedder.....	.15	.85
Blue Cap. Undoubtedly the best dwarf Ageratum yet offered. The flowers are much larger than those of Little Blue Star and of a deeper and richer color....	1/4 oz., .80c	2.50
Midget Blue. Three inch globular plants are smothered with Ageratum blue flowers. Most uniform in habit, truest in color yet produced.	1/4 oz., \$1.35	.35
Fairy Pink. A dwarf compact Ageratum of a delightful soft salmon rose pink color. It begins blooming when not more than 1½ to 2 inches high and continues to grow until it has formed a solid compact mass of blooms. Its maximum height when it is in full bloom is not greater than five in.	1/4 oz., \$2.50	.35

Improved Blue Ball. Deep, dark blue. The plant is dwarf and symmetrical. In full bloom it is covered with small flowers, giving the appearance of a blue ball. 4 in.	1/4 oz., .75c	.20
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Little Blue Star. Tiny bushes, flowers light blue with dark red center.....	1/4 oz., .60c	.25
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ALYSSUM

	Trade pkt.	Oz.
Alyssum Maritimum (Sweet Alyssum)....	1/4 lb., .60c	.10
Compactum (Violet Queen). Distinct variety with bright violet flowers.....	.25	1.25
Little Gem. Extra fine strain....	1/4 lb., \$1.75	.15

	Trade pkt.	Oz.
Amaranthus Tricolor (Joseph's Coat)....	.10	.30
Caudatus (Love Lies Bleeding). Red....	.10	.25
Sunrise, Splendid for pots and bedding 1/4 oz., .25c.....	.15	.85
Moulten Fire, Bright Crimson, 1/4 oz., .25c	.15	.85

ANTIRRHINUM—Snapdragon

MAXIMUM SUPER GIANTS

Rust Resistant

In habit these are taller, grow to a height of 2½ feet, and the flowers are much larger.

	Trade pkt.	1/4 oz.
Alaska, (Snowflake) White.....	.25	.40
Apple Blossom, Rosy Pink, white tube....	.25	.40
Campfire, Luminous Scarlet.....	.25	.40
Canary Bird, Canary Yellow.....	.25	.40
Christmas Candle, Bright Flame with tube waxy cream .....	.25	.40
Copper King, Burnished Copper.....	.25	.40
Copper Queen, (New) bronzy cooper.....	.25	.40
Copper Shades, Copper Orange to Old Gold	.25	.40
Crimson, Fiery Crimson.....	.25	.40
Daffodil, Yellow .....	.25	.40
Fair Lady, Pink with white tube.....	.25	.40
Loveliness, Soft Rose Pink.....	.25	.40
Pink Shades, Rose Pink to Pale Pink.....	.25	.40
Pink Sensation, Pure Pink.....	.25	.40
Red Cross, Crimson, White Tube.....	.25	.40
Yellow Giant, Deep Yellow.....	.25	.40

ANTIRRHINUM TOM THUMB

6-8 inches. Early flowering, forming small compact bushes very suitable for rock gardens.

Deep Red.

Rose Queen. Soft rose pink.

Yellow. Pure yellow.

Magic Carpet. A Snapdragon of almost creeping habit, covered with soft pink flowers.

All the Above—Trade Pkts., 25¢

SEMI-TALL SORTS (18 to 20 Inches)

	Trade pkt.	1/4 Oz.
Defiance. Orange Scarlet.....	.25	.60
Empress. Rich Crimson.....	.25	.60
Gloria. Rose .....	.25	.75
Golden Queen, Rich Yellow.....	.25	.60
Jennie Schneider. Salmon Pink.....	.25	.75
Nelrose. Rose Pink.....	.25	.60
Purity. Pure White .....	.25	.75
Roman Gold. Gold shaded Apricot Rose.....	.25	.75

ANTIRRHINUM GIANT SNAPDRAGONS

FOR WINTER FLOWERS

All Seed Is Greenhouse Grown by Snapdragon Specialists



YELLOW

Trade Pkt.

*Y E L L O W W O N D E R (Bezdek's). A real early-blooming bright - yellow Snapdragon. Yellow Wonder has all the qualities of being the outstanding commercial yellow. It is a good producer on long stems with florets nicely set. $\frac{1}{2}$ Tr. Pkt., 85c; 3 for \$4.00 \$1.50

COATES Y E L L O W P E R F E C T I O N . Finest deep yellow. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 1.00

C E Y L O N C O U R T — B e a u t i f u l c a n a r y y e l l o w . $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 1.00

R E D S H A D E S Trade Pkt.

*V E L V E T S U P R E M E (Ball). Uniformly rich, velvety scarlet crimson. $\frac{1}{2}$ Tr. Pkt., 60c; 3 for \$2.50 \$1.00

*V E L V E T B E A U T Y . American Beauty red, early flowering. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Pkts., \$2.50. 1.00

New and old standard sorts which have been tried and proven, many of which we can furnish seed from the originator, we sell only the finest snapdragon seed that can be had anywhere.

PLEASE NOTE—All varieties marked with a * are in originators' packages

NEW INTRODUCTIONS

*AMERICA (Hodaly). Brilliant rose-pink with orange lip, blending into pure lemon. The flower heads are from sixteen to twenty-five inches long, carrying well set, large florets; medium foliage. A real winter bloomer, with uniform flowering period. $\frac{1}{2}$ Tr. Pkt., 85c; 3 for \$4.00 \$1.50

*BETTER TIMES (Windmiller). Fine deep brilliant cerise-rose partner to Christmas Cheer. Same fine early and productive habit of Christmas Cheer. $\frac{1}{2}$ Tr. Pkt., \$1.25; 3 for \$5.00 2.00

Trade Pkt.
*CHRISTMAS CHEER (Windmiller). Extra-early, long-stemmed clear rose-pink. Will easily make Christmas with us with an average of three flowers per plant through a July 1 sowing. The ideal early pink. $\frac{1}{2}$ Tr. Pkt., \$1.25; 3 for \$5.00 2.00

*KOESTER'S WHITE. Pure white and a clean grower and a substantial spike of slightly ruffled flowers. An outstanding introduction that we feel confident will produce a most valuable and profitable florists' variety. $\frac{1}{2}$ Tr. Pkt., \$1.25; 3 for \$5.00 2.00

STANDARD VARIETIES

PINK AND ROSE SHADES

Trade Pkt.

CHEVIOT MAID SUPREME. Pink, Darker than Cheviot Maid. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 \$1.00

*CHEVIOT SUPREME "ROSE PINK." Combines intense pink color, medium size spikes, small foliage and wiry stems. Extreme early blooming. $\frac{1}{2}$ Tr. Pkt., 85c; 3 Tr. Pkts., \$4.00 1.50

*NEW CINCINNATI. The finest light rose-pink. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 1.00

*ROWE'S ST. LOUIS EARLY PINK. A clear luminous silvery-pink color. The originator claims it to be a good early bloomer, producing best in January and February. $\frac{1}{2}$ Tr. Pkt., 85c 3 for \$4.00 1.50

ROSE QUEEN. A beautiful dark pink, large flowering, a true winter bloomer. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 1.00

*SCHAFFROTH'S EARLY PINK. Long spikes with 10 to 12 inches of florets superbly formed and closely set. The color is magnificent—a glistening bright rose pink, an ideal commercial shade. Besides being a very profuse bloomer, it is also shatterproof. $\frac{1}{2}$ Tr. Pkt., \$1.25; 3 for \$5.00 2.00

LAVENDER

Trade Pkt.

BERTHA BAUER. The only early lavender. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 \$1.00

*WINDMILLER'S LILAC. Color is brightened with lilac shading. True to color, well placed flowers, and no grassy growth, $\frac{1}{2}$ Tr. Pkt., 85c; 3 Tr. Pkts., \$4.00 1.50

BRONZE SHADES

Trade Pkt.

AFTERCLOW. A beautiful bronze. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50. \$1.00

*GLORIOUS. A brilliant, bronzy scarlet, early and free flowering. $\frac{1}{2}$ Tr. Pkt., 85c; 3 Tr. Pkts. \$4.00. 1.50

WHITE

Trade Pkt.

*WHITE WONDER (Bezdek's). The best pure white snapdragon possessing long flowering spikes on strong wiry stems. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 \$1.00

LUCKY STRIKE. Pure white, grows three to four feet with splendid full spike of flowers, does not drop or shatter. $\frac{1}{2}$ Tr. Pkt., 60c; 3 Tr. Pkts., \$2.50 1.00

FLOWER SEEDS ARE POSTPAID

Harnden's Asters

CALIFORNIA GIANT—2 to 3 feet

Their unusual beauty and size, as well as their long, sturdy stems of the non-lateral type, make them very attractive for floral decoration and particularly adapted for cut flowers.

Peach Blossom	Deep Rose	Light Blue	Dark Purple
White	Light Purple	Carmine	Rose
Shell Pink			Apple Blossom

		Trade pkt.	Oz.
Any of the above.....	1/4 oz., 75c	.35	\$2.50
Mixed, all colors.....	1/4 oz., 75c	.35	2.50

SUPER GIANT—2 to 2½ Feet

This is the largest and most fully double Aster class known. The flowers are from 6 to 8 in. across, with full petaled, graceful, interlacing petals. Plants are about 2½ ft. tall, with six to eight long, non-lateral stems per plant.

		Trade pkt.	Oz.
El Monte, Crimson.....	1/4 oz., 75c	.35	\$2.50
Los Angeles, Shell Pink.....	1/4 oz., 75c	.35	2.50

AMERICAN BEAUTY—2 to 3 Feet

All Wilt Resistant—Late Flowering Type

Plants about 2 to 3 feet high, of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

White	Carmine Rose	Purple	Rose
September Pink	Azure Fairy		Crimson
Any of the above.....	1/4 oz., 50c	.30	\$1.75
Mixed, all colors.....	1/4 oz., 40c	.25	1.50

GIANT BRANCHING—2½ to 3 Feet

All Wilt Resistant

White		Crimson	
Daybreak (Mary Semple)		Lavender	
Rose Pink		Purple	
Sensation			
Deep Scarlet			
Any of the above.....	1/4 oz., 50c	.30	\$1.75
Mixed, all colors.....	1/4 oz., 40c	.25	1.50

QUEEN OF THE MARKET—18 inches

All Wilt Resistant

The Standard Early Flowering Type

White, Crimson, Rose Pink, Lavender, Flesh Pink, Dark Blue.	Trade pkt.	Oz.
Any of the above.....	1/4 oz., 50c	.30
Mixed, all colors.....	1/4 oz., 40c	.25

GIANT CALIFORNIA SUNSHINE

It is a cross between California Giants and the dwarf Sunshine Aster. Plants of this new race grow three feet high and bear blossoms on long stems, making them fine for cutting. Individual blooms are enormous, four and five inches across. In color the lovely dual-tone effect is wonderful, with the disk a lovely light yellow and the encircling guard petals varying shades of pink, apple blossom, deep rose, blue and lavender, producing most beautiful color contrasts..... 1/4 oz., 60c; Trade pkt., 30c



GIANTS OF CALIFORNIA

ASTERS (Continued)

WILT RESISTANT GOLDEN SHEAF

Golden Sheaf, the deepest yellow aster yet offered, and the only one that is wilt resistant. The flowers are fully double, with an attractive crestlike center, of good substance and fine depth of petal.

Trade pkt., 30c; 1/4 oz., 50c; Oz., \$1.75

ASPARAGUS

NEW CROP SEED READY JAN. 1

About 600 seeds to the ounce

PLUMOSUS NANUS

Per 100 seeds, 25c; 1000 seeds.....	\$ 1.35
Per 250 seeds, 50c; 5000 seeds.....	5.00
Per lb.	9.00

ASPARAGUS SPRENGERI

100 seeds, 25c; 1000 seeds.....	\$ 1.35
250 seeds, 50c; 5000 seeds.....	5.00
Per lb.	9.00

BALSAM

	Trade pkt.	Oz.
Double Camellia-flowered. Mixed, all colors. Improved .....	.15	.60

New Bush Balsam. Free-flowering double Balsam of bushy growth, flowers appear in clusters on the top stems like double roses. It is a fine bedding plant. Mixed 1/4 oz., 65c .25 2.15

Bachelor's Button. See Centaurea Cyanus.

Balloon Vine. (Cardiospermum Halicacabum)10	.40
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BEGONIA

	Trade Pkt.	Oz.
Christmas Cheer Red. A very large flowered variety, the blossoms attaining a diameter of two inches. Color, dark crimson-scarlet.....1-32 oz., \$3.25 \$1.00		
Christmas Pink. The growth, blossoms and foliage identical to above variety only the color is a delightful shade of warm rose-pink....1-64 oz., \$1.50	1.00	
Gracilis Luminosa. Foliage lustrous reddish brown, flowers fiery dark scarlet.....1-32 oz., \$1.75	1.00	
Carmen. Bright pink flowers with richly contrasting bronze foliage	1-64 oz., \$2.00	1.00
Brachycome Iberidifolia. (Swan River Daisy).		
Blue	Trade pkt.	Oz.
White	\$.15	\$.75
Mixed .....	.15	.70
Browallia. Elata Blue .....	.15	.75

CALLIOPSIS

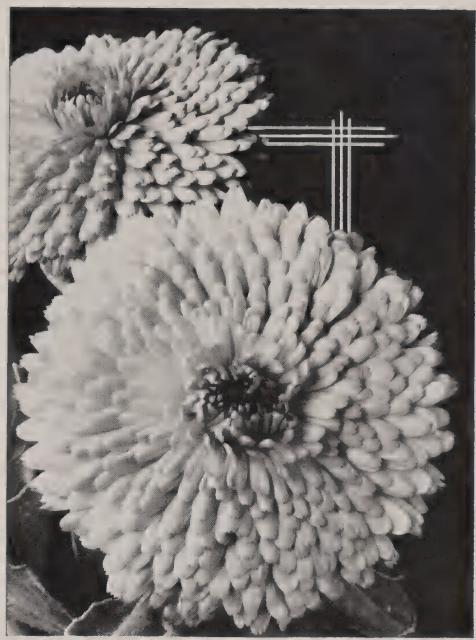
	Trade pkt.	Oz.
Golden Wave. A good cut flower...lb., \$2.40	\$.10	\$.20
Golden Crown. Enlarged Drummondii of rich orange-yellow or gold, about a third larger than Golden Wave; with double rows of petals. It has a pleasing fragrance and is nice for cutting; with 12-inch wiry stems	.35	
Semi-double Gold Crest: A rich golden yellow with reddish brown zone. Flowers 2½ to 3 in. across, with a double row of mammoth petals.....	¼ oz., 25c	.15 .75
Campanula. See Perennial pages.		
Canary Bird Flower .....	.10	.25

CALENDULA

	Trade pkt.	Oz.
Ball's Long Orange. This new Orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, specially recommended for growing under glass.....	¼ oz., 60c	\$.35 \$2.00
Ball's Gold has the same long stem and extra large, uniformly double flowers that are so well known in our Ball's Orange	¼ oz., 60c	.35 2.00
Ball's Sensation. Long stems, very double, brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....	¼ oz., 60c; 2 ozs., \$3.50	.35 2.00
Ball's Masterpiece (new). Full deep orange with brown center. Extra long-stemmed and vigorous growth.....	¼ oz., 60c; 2 ozs., \$3.50	.35 2.00
Ball's Supreme. Light shade of orange with a richly contrasting brown center. Not extra long-stemmed or large, but freer-flowering than any of the above.....	¼ oz., 60c; 2 ozs., \$3.50	.35 2.00
Ball's Apricot. Rich apricot or straw-colored with a finely contrasting brown center. Same habit as "Supreme" from which it is a selection. Some of this should be grown for the variety it affords.....	¼ oz., 60c; 2 ozs., \$3.50	.35 2.00
Ball's Lemon Queen. Medium deep yellow with an attractive dark brown center.....	¼ oz., 60c; 2 ozs., \$3.50	.35 2.00

CALENDULA (Continued)

	Trade pkt.	Oz.
Chrysanthea. The flowers are four inches or more in diameter, of an exquisite shade of clear buttercup yellow. The petals are long, artistically arranged in rather loose form, drooping somewhat, giving the appearance of a Chrysanthemum.....	\$.15	\$.75



CALENDULA CAMPFIRE

	Trade pkt.	Oz.
Orange King. Dark center	¼ lb., \$1.75	.15
Orange Shaggy. Orange Shaggy is a very distinct new break in Calendulas. The petals are long and deeply fringed. These blooms are of great grace and beauty sharply contrasting with the rather formal appearance of varieties such as Orange King, etc. The color is a deep orange shading to slightly lighter orange in the center of the bloom, giving the flower a delightful two-tone effect.....	¼ oz., 25c	.15 .75

CANTERBURY BELLS (Annual)

Bring Spring to the garden in September.

Many years of careful selection have at last given us an Annual Canterbury Bell which blooms from seed in less than six months. It should now be possible to have this beautiful flower in bloom at almost any time of the year. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms. Seed planted in February blooms in July.

	Trade Pkt.	¼ Oz.	Oz.
Choice Mixed contains dark blue, light blue, pink, rose and white..	\$.15	\$.25	\$.75

CANDYTUFT

	Trade pkt.	Oz.
Giant Hyacinth-Flowered. Extra Selected		
large, pure white flower.....lb., \$7.50	\$20	.75
Umbellata Lilacina. Lilac. Select.....lb.,	3.50	.15
Carminea. Carmine.....lb.,	3.50	.15
Flesh.....lb.,	3.50	.15
Purpurea. Crimson.....lb.,	3.50	.15
Rose Cardinal, new.....lb.,	3.50	.15
Mixed Colors.....lb.,	3.50	.15
Canna Crozy's. Best mixed.....lb.,	4.00	.15
Cardinal Climber. Bright and delicate climber.....		.60

CARNATION

NEW GIANT CHABAUD CARNATIONS

The best type for outdoor growing. Flowers are from 2 to 2½ inches, are borne on stiff stems and are very double. Spring sown seed will bloom in 6 months and plants will continue to flower until frost.

	Trade pkt.	Oz.
Everblooming, mixed.....	\$.30	\$2.25
Marguerite, special mixed.....		2.00

CELOSIA

	Trade pkt.	Oz.
Cristata Nana (Coxcomb) Dwarf sorts,		
mixed extra choice.....		.25
Nana President Thiers. True dwarf, red.....	1/8 oz., 65c	.25
Empress. Choice dwarf, crimson.....	1/8 oz., 65c	.25
Yellow.....	1/8 oz., 65c	.25
Rose.....	1/8 oz., 65c	.25
Plumosa. Mixed, feathered varieties.....	.15	.90
Thompsoni Magnifica. Makes fine pot plants.....	1/4 oz., 60c	.25
Pride of Castle Gould. A remarkable strain of Ostrich Plume Celosia.....		2.00
Thompsoni Crimson.....	1/4 oz., 65c	.25
Flame of Fire. 18-20 in. Perfect Pyramidal habit with center head and many side branches of a lush green. The branches terminate in circular feathery combs of fiery scarlet.....	1/4 oz., \$1.25	.30
Chinese Woolflower (Childsii). Crimson.....	1/4 oz., 40c	.25
Deep rose, new.....	1/4 oz., 40c	.25
Finest, mixed.....	1/4 oz., 35c	.25
		1.25

CENTAUREA

	Trade pkt.	Oz.
Candidissima (Dusty Miller).....1/4 oz., 50c	\$.25	\$1.50
Gymnocarpa (Silver foliage) .....	.15	.50

CENTAUREA CYANUS—Double

(Cornflower or Bachelor's Button) 3 ft. Annual

Special Strains; the flowers of these strains are large, fully double and the colors intensified. Long stems for cutting. The Finest Florist Strains.

	Lb.	Tr. Pkt.	Oz.	1/4 lb.
Blue Boy.—Double blue.....	\$4.50	\$.15	\$.40	\$1.30
Red Boy.—Deep red	4.50	.15	.40	1.30
Pinkie.—Deep pink	4.50	.15	.40	1.30
Snowman.—White	4.50	.15	.40	1.30
Mixture of above.....	4.50	.15	.40	1.30
Jubilee Gem.—A dwarf compact-growing form, deep blue flowers; good for pots and bedding; 12 in.	1/4 oz., 40c	.25	1.35	
Centaurea—Imperialis—(Sweet Sultan) Mixed. Excellent for cutting	4.50	.15	.50	1.30

FLOWER SEEDS ARE POSTPAID

CHRYSANTHEMUM (Annual)

	Trade pkt.	Oz.
Eastern Star. Light yellow with dark center		\$0.15
Morning Star. Petals primrose-yellow, with halo of deeper yellow; dark yellow disc		\$0.35
Evening Star. Rich sunflower-yellow, disc dark yellow .....		.35
Northern Star. Large pure white fringed petals with canary-yellow zone around a dark brown eye .....		.35
Golden Crown. Bright yellow .....		.35

CYNOGLOSSUM CHINESE FORGET-ME-NOT

	Trade pkt.	Oz.
Cynoglossum Blue Amabile. A lovely plant 18 to 24 inches tall with flowers of a true Forget-me-not blue. May be sown either outside or under glass. Makes wonderful cut flowers		\$0.15
Amabile Pink. In growth and general appearance this resembles the Cynglossum Blue, only that the flowers are rich, deep pink and are more striking than blue Forget-me-nots. In moderate climates these plants are perennial .....	.15	.50
Firmament. New rich blue.....1/4 oz., 50c	.25	1.75

CYPRESS VINE

	Trade pkt.	Oz.
Cypress Vine. White.....lb., \$2.50	\$.10	\$.25
Scarlet	lb., 2.50	.10
Mixed	lb., 2.50	.10

CINERARIA

CINERARIA HYBRIDA



CINERARIA CREMERS PRIZE MIXTURE

Cremer's Prize Mixture. Medium to small flowers freely produced in extra large heads and a good line of colors.....1-64 oz., \$2.25; 1-32 oz., \$4.00 \$1.50

Potsdam or Berlin Market. More dwarf and uniform than the Cremer strain. Very choice mixture of colors.....1-64 oz., \$1.50; 1-32 oz., \$2.75 \$1.00

Maritima. (Dusty Miller) Diamond For bedding

	Trade pkt.	Oz.
Brilliant (Bright Carmen) .....		.15
May Blossom (Rose Pink) .....		.15
Salmon Queen (Salmon orange scarlet) .....		.15
Exquisite Mixed .....		.60

CLARKIA

	Trade pkt.	Oz.
Brilliant (Bright Carmen) .....		.15
May Blossom (Rose Pink) .....		.15
Salmon Queen (Salmon orange scarlet) .....		.15
Exquisite Mixed .....		.60

	Trade pkt.	Oz.
Cleome Pungens (Giant Spider Plant).....	.15	.40
Cobaea Scandens. Purple.....	.15	.50
Cockscomb. See Celosia Cristata.		

COLEUS**HYBRIDUS SALICIFOLIUS LACINATUS**

Extra Selected Mixed.....	Trade Pkt., 35c; 1-16 oz., \$1.00	
Rainbow mixture, extra large leaved	1-16 oz., \$1.00	.35
Columbine. See Aquilegia (Perennial Pages).		

COSMOS

	Trade pkt.	Oz.
Giant Flowered Crimson.....	\$0.15	\$0.25
Pink Lady Lenox .....	.15	.25
White Lady Lenox .....	.15	.25
Mixed, all colors .....	.15	.25
Early Klondyke Orange Flare. Bright vivid orange	1/4 oz., 25c	.15
		.75

Extra Early Double Crested or Anemone Flowered

Mixed colors	1/4 oz., 50c	.25	1.75
SENSATION —The flowers are mammoth in size, 4 to 5 inches in diameter, with broad, heavy fluted petals carried on very long, strong stems. It is extremely early flowering, blooming in 10 weeks from the time of seeding.			
White	1/4 oz., 35c	.20	1.00
Pink	1/4 oz., 45c	.20	1.00
Mixed	1/4 oz., 30c	.20	.80

CUPHEA FIREFLY

Firefly has all the characteristics needed in a dwarf, compact plant. The flowers are small and delicately formed, fiery cerise red in color, and are freely produced on compact plants which reach a height of about 10 inches. The general effect of a plant when in full bloom is a ball of fire, recommending itself at once as a subject for the rockery, for window boxes, for flower pots, or as a border or edging variety. It is a tender annual flowering readily in twelve to fourteen weeks from seed, and blooms profusely throughout the summer months. Trade pkt., 30c; 1/4 oz., 70c.

DAISY. See Arctotis, Anthemis, Bellis, Brachycome, Chrysanthemum, Dimorphotheca and Pyrethrum.

DAHLIA

Unwin Type. Dwarf Hybrids (New) greatly improved Unwin type which produces a high percentage of double flowers. 1/4 oz., 70c; Tr. Pkt., 25c; oz., \$2.50.

Perennials—See Gypsophila Lunaria, Physalis and Statice Latifolia.

Didiscus Coeruleus (Lavender Lace Flower) 3 ft. long stemmed lavender flowers; look like blossoms of Wild Carrot. A constant bloomer. To be sown where they are to flower. 1/4 oz., 25c; Tr. Pkt., 15c; oz., 80c.

PLANT STIMULANTS**HORMODIN—ROOTONE****VITAMIN B-1**

See Page 55

	Trade pkt.	Oz.
Dimorphotheca African Orange Daisy.....	\$.20	\$.80
Hybrids, mixed .....	.20	.75
Dolichos (Hyacinth Bean). Mixed.lb., \$1.25		
Princess Helen (Daylight) .....		.15
Purple Soudan .....		.15
Dracaena Indivisa lineata .....	.15	.40

DIANTHUS—PINKS

	Trade pkt.	Oz.
Hedgewigi fl. pl. Double Japan, best mixed	\$.15	\$.75
Snowball. Double large white .....	.25	1.00
Single. Mixed, extra fine .....	.15	.50
Crimson Bell. Single deep crimson .....	.25	1.00
Salmon Queen. Single salmon pink .....	.25	1.00

DIANTHUS—For Perennials, see page 23.

**DIANTHUS HEDDEWIGI**

	Trade pkt.	Oz.
Euphorbia Variegata (Snow on the Mt.) Foliage edged white and green, is used in making up bouquets .....	.15	\$.30
Everlasting Flowers. Annual. See Helichrysum, Gomphrena, Lunaria and Statice.		

ESCHSCHOLTZIA (California Poppy)

	Trade pkt.	Oz.
Glory of the West or the Golden West...	\$.10	\$.25
Mixed, all colors .....	.10	.25
Ramona Hybrids, fine mixture of Ramona type .....	.25	1.00
Scarlet Beauty .....	.25	1.00
Spreading Varieties, 1 ft. annual—		
Orange King. Rich orange .....	.15	.60
Golden West. Yellow with orange center .....	.15	.60
Rosy Queen. Rosy pink .....	.25	1.25
Vesuvius. Wallflower red .....	.25	1.25
Brilliant Mixed. Mixture of all above colors .....	.15	.60

Erect Varieties, 1 ft. annual—

New Hybrid Mixture. It contains new and rare colors, soft pink, scarlet, chrome, copper red, claret red and royal purple predominating. This mixture is as gorgeous as a Persian rug.....

.25

1.00

	Trade pkt.	Oz.
Feverfew. See Matricaria and Pyrethrum.		
Four o'Clock (Marvel of Peru). Mixed....	\$.15	\$.25
Gaillardia Lorenziana. Double mixed.....	.15	.50
Indian Chief. Single bronzy red.....	.15	.50
Picta. Single mixed .....	.15	.50
Globe Amaranth (Gomphrena). Mixed....	.15	.25
Globosa, Red, Purple, White and Pink		
.....lb., \$2.80	.15	.25
Godetia. Hardy annual about 1 foot high; single, widely opened flowers of satiny texture; flowers are scattered singly on the leafy branches or borne in short, dense spikes; suitable for pot culture or outdoor planting. Mixed, all colors.....	.15	.60
Gomphrena. See Globe Amaranth.		
Gourd. Small kinds mixed.....lb., \$1.60	.15	.35
Gourd. Large kinds mixed.....lb., 1.60	.15	.35
Gypsophila. (Baby's Breath).		
Rosea	1/4 lb., 60c	.15
.....lb., .25		
Grandiflora Alba. "Covent Garden" strain. The largest flowered pure white Gypsophila. This strain is a wonderful advance. ....lb., \$2.00; 1/4 lb., 70c	.15	.25
Helianthus. See Sunflower.		
Helichrysum Monstrosum fl. pl. Double mixed	lb., \$6.00	.15
.....lb., .50		
Fireball	Violet Queen	
Golden Ball	Salmon Red	
Rose Carmine		
Each of the above.....lb., \$6.00	.15	.50
Heliotrope, Lemoine's Giant. Mixed.....	.25	1.75
Hunnemannia. Fumariaefolia (Bush Eschscholtzia) .....	.15	.50

IPOMOEA (Morning Glory)

CLARK'S IMPROVED EARLY FLOWERING HEAVENLY BLUE

The color is deep, intense blue, shading lighter toward the center. The flowers are large and freely produced. Trade pkt., 15c; oz., 65c; 1/4 lb., \$1.75.

CORNELL

This new variety Cornell combines the brilliant coloring of Scarlett O'Hara with the size of bloom and robust habit of the Heavenly Blue Morning Glories. The blooms are large, 4 to 4 1/2 inches in diameter, in an intense shade of carnelian red with a border a little over an eighth of an inch wide of pure glistening white, the colors of Cornell University. Trade pkt., 25c; 1/4 oz., 35c; oz., \$1.25.

	Trade pkt.	Oz.
Single Fringed Mixed	lb., \$2.60	.10
Double Rose Marie. New Double Morning Glory, free flowering, color rose pink..	.25	.75

SCARLET O'HARA

"Scarlet O'Hara" is an entirely new color in a Morning Glory, a rich dark wine red, or deep rosy crimson. Though the flowers are not as large as "Heavenly Blue," they are of good size, about 4 inches in diameter, and freely produced on fast growing vines which start blooming within 65 days after seed is sown. Trade pkts., 25c; 1/4 oz., 50c; oz., \$1.50.

IPOMOEA (Morning Glory) (Continued)



MORNING GLORY—SCARLETT O'HARA

FRENCH'S EARLY MAMMOTH WHITE—Very early. Carries slight streak of blue, making it very unique. Much admired as a companion to our Clarke's Improved Heavenly Blue. Trade pkt., 25c; 1/4 oz., 50c; oz., \$1.50.

PEARLY GATES—Pure White. See page 1.

IPOMOEA (Moon Flower)

	Trade pkt.	Oz.
Noctiflora. White Moon Flower.....lb., \$3.50; 1/4 lb., \$1.00	\$.15	\$.30
Bona Nox. Blue Moon Flower.....lb., 2.20	.15	.30
Kochia Childsii (Summer Cypress) lb., 1.50	.10	.20

LUPINUS (Lupine)

ANNUAL SORTS—Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

	Trade pkt.	Oz.
Rich Blue	1/4 lb., \$1.00	\$.15
Rose	1/4 lb., 1.00	.15
White	1/4 lb., 1.00	.15
Mixed, all colors.....	1/4 lb., 1.00	.35

HARTWEGI GIANTS OR KING—An improved strain. 3 to 4 ft. high, with base branching habit. Each plant produces from 4 to 6 spikes of bloom, which are much larger than the old type.

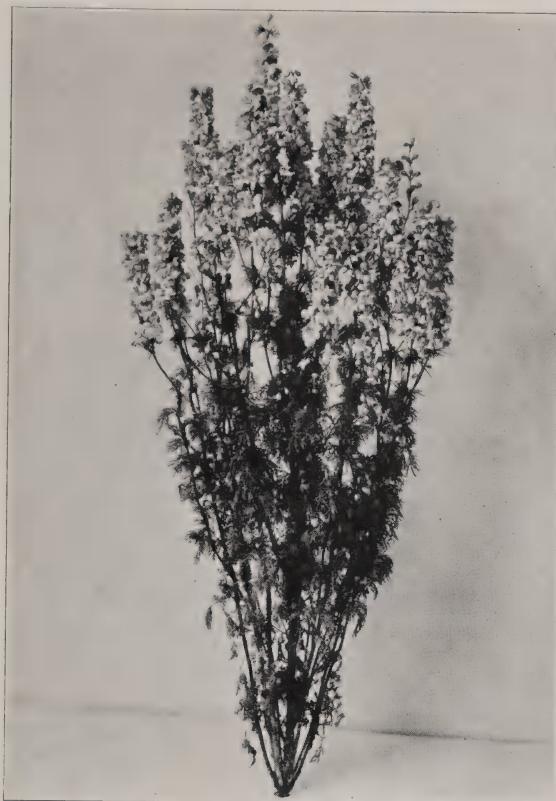
	Trade pkt.	Oz.
Dark Blue. Enormous spikes of rich Oxford blue	\$.20	\$.50
Sky Blue. Clear light blue.....	.20	.50
Lantana Hybrid. Dwarf, mixed.....	.20	.75
Linum Grandiflorum Rubrum. Large flowered scarlet flax10	.25

LOBELIA

Crystal Palace Compacta, true blue	1/4 oz., 50c	.25	1.75
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LARKSPUR

NEW AND BEST VARIETIES FOR CUT FLOWERS



GLORIA LARKSPUR—Giant Imperial Type

DWARF DOUBLE "HARMONY HYBRIDS"

The compact plants are 12 inches to 14 inches in height, 100% All-Double, and flowering commences about two and a half months after seed sowing—one of the earliest of all Marigolds. The neat, dwarf, compact habit of the Hybrids, combined with the extremely early, free-flowering character of the plants make this new dwarf Harmony Hybrids one of the outstanding introductions of the season. Flowers are of medium size, rather large for the French type, averaging 1½ inches in diameter and do not have the strong Marigold odor. The color range includes the popular Harmony, our new Spotlight, a lovely golden orange shade, a distinct golden yellow and innumerable blotched and striped combinations of golden orange with maroon, and various shades of golden and lemon yellow with the contrasting dark maroon. All the flowers have the familiar crested center flanked by several rows of broad guard petals. As a showy garden subject, Harmony Hybrids take first honors and will undoubtedly supersede all other dwarf French types. Trade pkt., 25c; ¼ oz., 40c; oz., \$1.50.

GIANT IMPERIAL TYPE

	Trade ptk.	Oz.
Miss California. Rich, deep pink suffused salmon. This is a deep and especially attractive color	¼ oz., 35c	\$2.25
Carmine King. Rich carmine rose, deep enough to be placed between Miss California and Newport Pink. We find this the most attractive shade on the list. ¼ oz., 35c	.25	\$1.00
Blue Bell. Medium blue, deeper than sky blue, long branched flowering spikes	¼ oz., 35c	.25
Blue Spire. Intense deep oxford blue	¼ oz., 35c	.25
Dazzler. Bright carmine	¼ oz., 35c	.25
White Spire. Pure White	¼ oz., 35c	.25
White King. (New.) Outstanding white larkspur	¼ oz., 35c	.25
Exquisite Pink. Soft pink shaded salmon	¼ oz., 35c	.25
Roseland. Rose suffused salmon pink, true base branching	¼ oz., 35c	.25
Sweet Lavender. Rich blue lavender	¼ oz., 35c	.25
Lilac Spire. Lilac	¼ oz., 35c	.25
Improved Gloria. Rich, deep rose. A distinct new florist shade	¼ oz., 35c	.25
All the above per lb., \$10.00, except where noted Imperial Mixed Larkspur, lb., \$10; ¼ oz., 35c	.25	1.00

TALL BRANCHING DOUBLE STOCK

	Flowered Type	Trade ptk.	Oz.
Empress. Rose pink	lb., \$6.00	\$.25	\$.60
Los Angeles. Rose on salmon ground	lb., 6.00	.25	.60
La France. Pleasing salmon pink	lb., 6.00	.25	.60
Rosamond. This is a pure rose self, a new and distinct color in Larkspurs, which does not change with age	lb., 6.00	.25	.60
Sky Blue	lb., 6.00	.25	.60
Dark Blue	lb., 6.00	.25	.60
Lilac	lb., 6.00	.25	.60
Rosy Scarlet	lb., 6.00	.25	.60
White	lb., 6.00	.25	.60
Tall Branching Double Stock Flowered in Our Special Mixture	Trade ptk., 25c; oz., 60c; lb., \$6.00		
¼ lb. of any one variety at lb. rate			

MARIGOLDS

MINIATURE YELLOW PIGMY

Very dwarf and compact plant about 8 in. tall. Free flowering with tiny French Lilliput type of blooms measuring less than an inch in diameter. A light lemon yellow in color. ¼ oz., 35c; Trade ptk., 20c; oz., \$1.00.

GIGANTEA FULL DOUBLE ORANGE

The flowers are, without doubt, the very largest of any marigold variety, averaging 5 in. and over in diameter when grown in the field and obtaining a size up to 7 in. with special feeding for show purposes. The color is a deep, rich, lively orange which combined with the unusual size of the flowers makes this new Full Double Orange one of the showiest and most colorful of garden subjects. Although the foliage carries the characteristic Marigold odor, the flowers themselves are delicately sweet scented. Usually 2½ to 3 feet tall, and producing a heavy growth of foliage with six or eight heavy branches each bearing three or four large flowers. Trade ptk., 25c; ¼ oz., 50c; oz., \$1.75.

MARIGOLDS

are now in great favor. Especially for cut-flowers. Their ease of culture commend them highly, especially some of the more recent introductions such as Guinea Gold, Yellow Supreme, Dixie Sunshine, Lieb's Winter, and the "All Double" Orange and Lemon varieties.



GUINEA GOLD

TALL AFRICAN VARIETIES

	Trade pkt.	Oz.
"Alldouble Orange"	1/4 oz., 50c	.25 \$1.40
"Alldouble Lemon"	1/4 oz., 50c	.25 1.40
"Alldouble Mixed"	1/4 oz., 40c	.25 1.40
"Prince of Orange." Double orange,	1/4 oz., 50c	.25 1.50
"Lemon Queen." Clear lemon yellow	1/4 oz., 50c	.25 1.50
Tall African Mixed	lb., \$5.50	.25 .60

CARNATION FLOWERED VARIETIES

Guinea Gold. The color is a brilliant golden orange, the color so much in demand by florists. The absence of the characteristic marigold odor has been in its favor. Trade ptk., 25c; 1/4 oz., 40c; oz., \$1.40.

Yellow Supreme. A fitting companion to that great cut flower "Guinea Gold." Large, fluffy Carnation-flowered blooms. Dazzling lemon-yellow color. Practically odorless foliage. Oz., \$1.40; 1/4 oz., 40c; Trade ptk., 25c.

COLLARETTE CROWN OF GOLD

The flowers, which are of medium size, about 2 1/2 inches in diameter, are a lovely golden orange shade with a crested center of small tubular petals surrounded by a single row of broad guard petals. The plants are 2 1/2 to 3 feet in height, with stems of good length for cutting. Oz., \$1.00; 1/4 oz., 30c; Trade ptk., 20c.

TALL FRENCH DOUBLE

Brown and gold. Tall growing and excellent for culture, either under glass or in the open. We highly recommend this for cutting. Trade ptk., 15c; oz., 50c.

WINTER FLOWERING

Winter Flowering. Of value for fall sowing to produce a continuous crop through the winter.

Australian Tree. Strong for growth, fairly long stemmed, mahogany red flowers with golden yellow crest in center. Of high value for winter culture. Tr. ptk., 20c; 1/4 oz., 35c; 1 oz., \$1.00.

Lieb's. Not quite so long-stemmed or heavy as above, but more uniformly double flowered; mahogany and gold. Tr. ptk., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

DWARF VARIETIES

	Trade ptk.	Oz.
DWARF FRENCH VARIETIES		
Fire Cross. Small-flowered. Single, saffron orange with brown, red center. An improved Legion of Honor.....	.15	.50
"Legion of Honor." Single, golden yellow with crimson spot .....	.15	.50
"Electric Light." Double Legion of Honor .....	.15	.50
Dwarf, Gold Striped. Brownish red, striped yellow .....	.15	.50
Dwarf, Double, French Mixed.. 1/4 oz., 25c	.15	.85
Golden Ball. Small flowered. Double golden yellow. Very compact .....	.15	.60
Dwarf French Double Monarch Strain. Most of these flowers have two or more shades combined in stripes or spotted effects .....	.15	.60
Harmony (Double) A remarkable break which differs from others in habit, shape, and coloring. Flowers, in form suggesting a Scabiosa, are a bright golden-yellow bordered with a rich maroon-red. The plants being about 12 inches high, and very bushy habit, form excellent material for bedding .....	.25	1.75
Tagetes, Signata Pumila, very dwarf orange	.15	.60

SUNSET GIANTS



MARIGOLD SUNSET GIANT

Marigold Sunset Giants, the flowers are the largest ever known in the Marigold group, averaging 5 in. and some flowers attaining a size of 7 1/2 in., but they are produced in such profusion that a plant of Sunset Giants is one of the showiest spots in any garden. But most remarkable, instead of the usual Marigold odor these flowers have a definitely sweet fragrance. Sunset Giants is a mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow and a delightful new shade of primrose. Trade ptk., 25c; 1/4 oz., 45c; oz., \$1.50.

AMERICAN BEAUTY

CHRYSANTHEMUM FLOWERED

These new Hybrids consist of many new and distinct types of Marigolds, varying in size of bloom from two to four inches in diameter. Some of these types have petals which are very quilled and incurved and which remind one of miniature American Beauty Asters in orange and yellow. There are also the imbricated types which have from four to five rows of flat petals and in the center there are many small quilled florets. The plants are about three feet high, supporting masses of flowers on fine stems for cutting.

American Beauty Orange. Tr. ptk., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

American Beauty Yellow. Tr. ptk., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

American Beauty Mixed. Trade ptk., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

MIGNONETTE—

New York Market. Produces dwarf, vigorous plants of pyramidal growth. Finest in every way for florists' use and for pots. Trade pkt., 50c; $\frac{1}{4}$ oz., 75c; oz., \$2.00.

Trade pkt. Oz.

Reseda Odorata Grandiflora Improved. 16 in. \$.10 \$.25

Moon Flower. See Ipomoea.

Morning Glory. See Ipomoea.

Myosotis. See Forget-Me-Not.

NASTURTIUM DOUBLE VARIETIES

All colors of the new Gleam class are valuable both for cutting and use in combination boxes. No retail grower should be without them.



NASTURTIUM GOLDEN GLEAM

SEMI-DOUBLE GLEAM

Fire Gleam (New). Bright scarlet, sweet scented, fine semi-double type. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Orange Gleam. Golden orange. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Salmon Gleam. Salmon. Oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Golden Gleam. The original semi-trailing double nasturtium. Deep golden yellow. $\frac{1}{2}$ oz., 10c; oz., 15c; 4 ozs., 35c; lb., \$1.00.

Scarlet Gleam (New). Identical in every way with Golden Gleam except in color which is a brilliant scarlet. $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Gleam Hybrids. This hybrid strain produces a most pleasing array of very attractive colors running through varying shades of scarlet, orange, salmon, to golden and cream yellow, with all the valuable characters of Golden Gleam added. Oz., 15c; 4 ozs., 35c; lb., \$1.00.

SEMI-DOUBLE DWARF, 1 ft.

Golden Globe. Golden yellow. Lb., \$1.25; $\frac{1}{4}$ lb., 40c; oz., 15c

Mahogany Gem. Deep mahogany. $\frac{1}{4}$ lb., 65c; oz., 20c

Ruby Gem $\frac{1}{4}$ lb., 65c; oz., 20c

Mixed lb., \$1.25; $\frac{1}{4}$ lb., 40c; oz., 15c

SINGLE VARIETIES

Special Tall, Mixed..... Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c

Special Dwarf Mixed..... Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c

Trade pkt. Oz.

Nemesia, Mixed $\frac{1}{4}$ oz., 50c \$.25 \$1.75

Nicotiana Affinis. Large, white, very fragrant15 .50

Sanderae, crimson15 .50

Crimson Bedder, 15 in.25 1.75

Nigella. Miss Jekyll. Blue, fine cut flower.. .10 .50

NIEREMBERGIA HIPPOMANICA

(Dwarf Cup Flower)

The lovely lavender blue shade, heightened by a touch of yellow in the center, is most charming. Plants are definitely dwarf, 5 to 6 inches tall, and with a spread of only 8 to 10 inches. Foliage is light gray green, very inconspicuous, and there are literally hundreds of flowers in bloom at a time throughout the summer.

It is a half hardy perennial which will winter over if given some protection. Trade pkt., 50c; 1-32 oz., \$1.50.

PHLOX DRUMMONDI GRANDIFLORA

Trade pkt. Oz.

Gigantea Art Shades. An extra large flowered mixture of soft pastel shades. $\frac{1}{4}$ oz., 50c \$.25 \$1.75

Salmon Glory. Salmon pink with white eye; florets are very large, a worthy variety for bedding, boxes and cutting. $\frac{1}{8}$ oz., 40c .30

Rosy Morn. If not unfavorably grown, the blooms will be larger than a half dollar. An extremely refreshing, gay and bright color combination of rose pink with a white eye. Somewhat the same color combination as found in the long popular Petunia Rosy Morn except that the rose pink in the new Phlox is much deeper and provides a color that will not fade in the strong sun. $\frac{1}{4}$ oz., 85c .35

Best, Large Flowering, Mixed. $\frac{1}{4}$ oz., 75c .30 2.50

PANSIES

25,000 Seeds to the Ounce

Englemann's Giant Mixture. A splendid mixture of real Giants with a full range of all good Pansy colors. In size and coloring quite outstanding. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50; oz., \$8.00.

Steele's Jumbo Mixture.—Extra large flowered strain of Giants with strong growth and long stems. Tr. pkt., 75c; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.25; $\frac{1}{2}$ oz., \$6.25; oz., \$12.00.

Giant Trimardeau. Mixed. Tr. pkt., 30c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

Emperor William. Standard blue bedding size pansy. Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

POPPY (Annual)

Trade pkt. Oz.

Poppy Single Shirley
American Legion, Brilliant Scarlet, White

Maltese Cross15 .35

Deep Apricot or Salmon15 .60

Picotee, White, Edged Scarlet15 .60

Wild Rose Pink15 .60

Fineest Mixed15 .50

Flanders Poppy, a True Dwarf Orange

Scarlet, Black Cross15 .60



NIEREMBERGIA HIPPOMANICA

Harnden's Petunias

Special Strains for Florists



PETUNIA "VELVET BALL"

REGULAR OR TALL HYBRIDS

This type are larger flowered than the dwarf hybrids, and make a heavy rambling growth, are largely used for bedding or porch boxes.

	Trade pkt.	Oz.	
Hybrida. Finest Mixed.....	1/4 oz., 60c	.25	\$2.00
Flaming Velvet. Rich velvety crimson.			
.....	1/4 oz., 90c	.35	3.00
General Dodds, Blood-red	1/4 oz., 40c	.25	1.50
Golden Rose (Lord Courtenay). Rich rose	1/4 oz., 50c	.25	1.85
Howard's Star, Improved. One of the best for hanging baskets.....	1/4 oz., 90c	.35	3.00
Hollywood Star. Rich rose with amber throat, unique in the form of its flower which consists of a five pointed star.			
.....	1/4 oz., 75c	.25	
Imitable. Blotched and striped.			
.....	1/4 oz., 50c	.25	1.50
Topaz Rose. (New.) Deep brilliant rose, golden throat	1/4 oz., 60c	.25	2.25

DWARF HYBRIDS

This dwarf compact class is the most popular for bedding. Make a vigorous growth and do well under the most trying conditions; also are grown in flats and pots.

	Trade pkt.	Oz.	
Alderan. Dark violet	1/4 oz., 60c	\$.25	\$2.00
Blue Bird. (Blue Rosy Morn)....	1/4 oz., 60c	.25	2.00
Cockatoo. Deep violet purple with irregular sized white spots and stars, 8-in.			
.....	1/4 oz., \$1.75	.35	4.25
Celestial Rose. Improved. This is a big improvement over that old favorite, Rose of Heaven. Beautiful, rich, satiny, deep rose and unusually free blooming. This comes practically 100% true.	1/4 oz. \$1.25	.35	4.00

FLOWER SEEDS ARE POSTPAID

DWARF HYBRIDS (Continued)

Cream Star. Extremely free bloomer all season; true and absolutely distinct. Flowers are a soft creamy white, bluntly star shaped, and with a star of cream coloring in the white flowers. Trade pkt., 50c; 1/8 oz., \$1.00.

Dwarf General Dodds. Strong crimson-red. Trade pkt., 25c; 1/4 oz., 85c.

Dwarf's Howard's Star. Bushy plants with white flowers are marked with rays of red purple. Trade pkt., 35c; 1/8 oz., 50c.

First Lady. First Lady is the clearest pink in all existing varieties of Petunias: a new color of light pink. The individual flower measures over 2 1/2 in. across. Like Glow, this is very free flowering. Makes dwarf bushy, ball-shaped growth and of the robust easy grower. Has very long flowering season as it continuously throws out the blooms from spring to frost. Strong sun cannot burn the beautiful color. Trade pkt., 35c; 1/8 oz., \$1.25.

"Glow." The new American Beauty Petunia. A dwarf compact ball shaped variety of bright rose red with lighter throat, free flowering all season. Of rich coloring and a wonderful variety for garden and florists use. Trade pkt., 35c; 1/8 oz., \$1.25; 1/8 oz., \$2.00.

King Henry. The rich velvety red and uniformly dwarf habit of King Henry give it outstanding value. Tr. pkt., 50c; 1/2 oz., \$1.25; 1/8 oz., \$2.25; 1/8 oz., \$4.00.

Rosy Morn. Improved select stock, rose color, is stronger and deeper; very dwarf strain. Trade pkt., 35c; 1/4 oz., 75c; oz., \$2.50.

Rose of Heaven. Select strain, rose pink. Trade pkt., 25c; 1/4 oz., 75c; oz., \$2.50.

Snowball. Dwarf white. Trade pkt., 25c; 1/4 oz., 75c; oz., \$2.50.

Salmon Supreme. Dwarf light salmon rose. An attractive new and rather striking color in this class and one that combines well in bedding schemes. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/8 oz., \$2.00.

"Velvet Ball." "Velvet Ball" is the last word in compactness, dwarfness and free flowering habit, reaching a height of about 8 inches with a spread of only 8 to 10 inches. There will be a dozen or more flowers of a luscious shade of deep velvety red in bloom at a time, each flower being about 2 1/2 inches in diameter. The variety comes remarkably true, and for pot plants, or as a border or edging plant, "Velvet Ball" has few equals. Trade pkt., 50c; 1/2 oz., \$1.25; 1/8 oz., \$2.35.

Harnden's Special Dwarf Mixture. Small flowering sorts. Trade pkt., 25c; 1/4 oz., 60c; oz., \$2.25.

THE GEM PETUNIA

THE "GEM" PETUNIA—a miniature small-flowered class of ideal rounded, compact, very free-flowering habit. 8 to 10 inches in height.

Pink Gem. Compact, rose-pink flowers. Trade pkt., 35c; 1/8 oz., 50c.

Rose Gem. Deep rose. Trade pkt., 35c; 1/8 oz., 50c.

Harnden's Petunias

Special Strains For Florists

GIANTS OF CALIFORNIA

For Pot Plants or Bedding

Trade pkt.

Dwarf Giants of California. A real dwarf strain especially good for pot plants as it starts to bloom when three or four inches tall. Giant flowers; colors largely dark rich shades.

..... $\frac{3}{2}$ oz., \$2.50; 1-64 oz., \$1.50; \$.75

DWARF GIANTS RAMONA STRAIN

This is a dwarf, sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well marked throats. $\frac{1}{2}$ Tr. pkt., 60c; $\frac{3}{2}$ oz., \$2.75; 1-64 oz., \$1.75..... 1.00



PETUNIA—DWARF CALIFORNIA GIANTS, RAMONA STRAIN

GIANTS OF CALIFORNIA SUPREME FLORIST STRAIN

Trade pkt.

A fine new tall Giant strain, outstanding for rich and unusual colors not usually found in this class; uniformly large flowered. 1-64 oz., \$1.50; $\frac{3}{2}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50..... \$1.00
Tall Giants of California. Mixed. $\frac{1}{2}$ oz., \$2.50; $\frac{3}{2}$ oz., \$1.50..... .50

PORTLAND-PETUNIAS

For Bedding or Pot Plants, Window and Porch Boxes.

Trade pkt.

Pride of Portland. Deep rose fringed..... 1-32 oz., \$1.20 \$.50
Scarlet Beauty. Scarlet fringed..... 1-32 oz., 1.20 .50
Elk's Pride. Plain edge black purple..... $\frac{1}{2}$ oz., \$4.75; 1-32 oz., \$1.50 .50
Dwarf Pink Glory, a pure flame rose pink, without a trace of purple. 1-64 oz., \$1.00; 1-32 oz., \$1.65 .50

See Page 2 for Double Petunias

FLOWER SEEDS ARE POSTPAID

LARGE FLOWERING FRINGED

Trade pkt.

Lace Veil. Fringed clear white. Excellent for pot plants. 1-64 oz., \$1.50; $\frac{3}{2}$ oz., \$2.50 \$.50

Romany Lass. Velvety blood-red with purple throat, striped in black..... 1-64 oz., \$1.25 .50

Royal Purple Fringed. Rich deep purple. 1-64 oz., \$1.40 .50

White Cloud. An effective all-purpose dwarf white with nicely ruffled, freely produced flowers. Much used for bedding because of compact growth. 1-64 oz., \$1.00; 1-32 oz., \$1.75 .50

Theodosia. Rose-pink with Golden Center, very large and exquisitely fringed, very beautiful. 1-64 oz., \$1.75 .50

Dainty Lady. Delicate yellow, fringed 1-64 oz., \$1.75 .50

Setting Sun. Brilliant Rose Fringed. 1-64 oz., \$1.50
Violet Blue Reselected. Velvety Violet blue self color with large fringed flower. Like dwarf type, our strain produces 100 per cent true violet blue..... 1.00

SUPER FLUFFY RUFFLES MIXED

We are able to offer a real Super Fluffy Ruffles so ruffled and frilled that the flowers have the appearance of being double and the strain is far superior to the original. The type is practically 100% true. The flowers are very large with a large throat. It is a well balanced mixture. $\frac{1}{2}$ Trade pkt., 45c; Trade pkt., 75c.
Fluffy Ruffles. A choice mixture. 1-32 oz., 1.25 .50

Ruffled Monsters, a half dwarf type of erect and robust habit. The flowers are very large and ruffled, with open shallow throats. The colors are mostly the desirable red and dark shades, richly marked and veined. 1-64 oz., \$2.50; Trade pkt., 50c.

LARGE FLOWERING—SINGLE

The Flowers are from 3 to 4 Inches in Diameter

BALCONY-PETUNIAS

Trailing or drooping habit for porch and window boxes.

Trade pkt.

Blue..... 1-16 oz., 60c; $\frac{1}{4}$ oz., \$1.75 \$.35
Rose..... 1-16 oz., 35c; $\frac{1}{4}$ oz., 1.00 .25
White..... 1-16 oz., 35c; $\frac{1}{4}$ oz., 1.00 .25
Red..... 1-16 oz., 35c; $\frac{1}{4}$ oz., 1.00 .25
Mixed..... 1-16 oz., 35c; $\frac{1}{4}$ oz., 1.00 .25

Black Prince. Dark velvety crimson 1-16 oz., 60c; $\frac{1}{4}$ oz., 1.75 .35

Star of California. Violet shaded crimson, white blotches 1-16 oz., 60c; $\frac{1}{4}$ oz., 1.75 .35

Dwarf Scarlet Glory is the richest colored large flowering Petunia yet offered. 1-64 oz., \$1.00 .50

Dwarf Carmine Glory. Highly recommended on account of the beautiful carmine color combined with dwarf yet sturdy growth. 1-64 oz., \$1.00 .50

Improved Dwarf Elk's Pride. The type is real dwarf. The color is a richer velvety purple than usual and the plants produce larger blooms than found on any other Hybrida Grandiflora Variety. 1-64 oz., \$1.00 .50

HARNDEN'S SWEET PEAS

SWEET PEAS—"Up-to-Date" Florists' Varieties

True to Name and Hand Picked Seed. If you are in the market for quantity, please ask us for special prices.

EARLY OR WINTER FLOWERING

Prices, Except as Noted— $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c;
1 lb., \$3.40.

ROSE AND PINK

American Beauty. Rich crimson rose.
Annie Laurie. Rich pure rose.
Baltimore. Rosy Cerise.
Ball's Rose Improved. Bright Dark Rose.
Bride's Maid. Deep silvery pink, long stems, large flowers.
Boon. Fine deep salmon rose on cream. Large flower.
Colossal Rose. Largest rose in cultivation, long stems, vigorous grower.
Daphne (New). Soft salmon pink, cream ground, long stout stem.
Florist Rose. Pure Rose Pink.
Jeanne Mamitsch. Rose pink, long stemmed.
Josie. Clear rose pink.
Shirley Temple. New pink of great value.
Zvolanek's Perfection. Dark rose.
Sequoia. Extra large salmon rose. Fine for spring.
Skippy. Light Salmon Pink.
Sunray. Cerise, cream ground, long stem.
Improved Laddie. An enormous rose-pink.
Mrs. Kerr. Salmon.

SCARLET

Aviator. Scarlet.
Bright Light. Flaming scarlet.
Grenadier. A glowing poppy scarlet, the most brilliant of all.
Mars. Oxblood Crimson.
Redwood. Extra large flower. Deep crimson red.

BLUE

Ball's Blue. Clear Blue.
Florists Blue. Best Clear Blue.
Mrs. Herbert Hoover. Bright clear uniform blue.
Navy Blue. Dark blue.
Top Hat. Deep bright violet blue. Fine growth and strong color.
Zvolanek's Blue. Bright blue.

ORANGE

Burpee's Orange. Glistening orange.
Valencia. Color bright orange, sun-proof, softer tone than Orange King but with immense vigor in growth, length of stem and size of blooms.
Fortyniner. Early. Brilliant orange.
Ball's Orange. Early flowering, clear orange.
Treasure Island. Sparkling golden orange. Large ruffled flower and distinctive color.

WHITE

Ball's White. Fine large flowered, white.
Burpee's White. Giant white.
Hope. Best white.
Snowstorm Improved. A vigorous grower, flowers large, of great substance and are borne in fours on long stems.

LAVENDER AND PURPLE

Amethyst. An early flowering "Royal Purple."
Harmony. Lavender.
Lavanda. Finest clear lavender.
Triumph. Extra long stemmed lilac-mauve.

MIXED COLORS

Early Flowering Spencer, Harnden's Special Mixture.



SPRING FLOWERING

A New Race of Sweet Peas for Greenhouse Culture
Tested in Greenhouses

When tested in the greenhouse under commercial conditions, this new "spring-flowering type" performed outstandingly well in the spring months, giving excellent flowers on long stems when the regular early-flowering types had given out. The spring-flowering type also gives a much heavier crop of flowers than the standard early-flowering type. Seeds of the spring-flowering type should not be sown before September or October in the greenhouse for flowering during March, April and early May.

Spring-Flowering Blue. A splendid clear marine blue.

Spring-Flowering Clear Rose-Pink.

Spring-Flowering Lavender. Beautiful clear lavender.

Spring-Flowering Pink. Clear pink.

Spring-Flowering White. Pure white.

All of above priced at: $\frac{1}{2}$ oz., 75c; oz., \$1.25; 4 oz., \$4.00.

LATE, OR SUMMER FLOWERING

New and Standard Spencer Varieties

Ambition. Rosy lavender.

Austin. Frederick Imp. Gt. lavender.

Beatall. Pink suffuse salmon.

Blue Bird. Rich blue.

Blue Moon—Clear Mid. blue.

Bonny Briar. Rose pink.

Bonnie Lassie. Rich salmon pink.

Burpee's White. Large white.

Campfire. Bright scarlet.

Charming. Bright cerise.

Crony. Golden salmon.

Golden Dragon. Orange.

Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs. for \$6.00

FLOWER SEEDS ARE POSTPAID

STOCKS

IMPROVED BISMARCK (Early Giant Imperial)

An especially meritorious class. These stocks are giant, growing from twenty-four to thirty inches tall, of branching habit, producing innumerable large spikes measuring twelve to sixteen inches long, coming into bloom in about twelve weeks after seedlings are planted.

Shasta (Pure White)	Lavender	Flesh
Fiery Blood Red	Dark Blue	Lilac
Gold Ball	Rose	
Elks Pride (Purple)		
	Trade pkt.	Oz.
Each of the above	1/8 oz., 50c	\$.35
Giant Bismarck, mixed, all colors	1/8 oz., 50c	.35
		\$3.00
		3.00

NON-BRANCHING OR COLUMN STOCKS

These produce one enormous spike with large flowers, 1 to 2½ feet high and can be planted close together in the bench.

Lilac-Lavender	Deep Rose	Pure White
Dark Blue	Ruby	Trade pkt.
.....
1/2 Trade pkt., 60c;	1/4 oz., \$2.50	\$1.00
		\$9.00



STOCK—Giant BISMARCK

Stock Super Giant Imperial. A new group of Giant Imperial Stock bred and selected for florists' use. Like the Giant Imperial group, the plants are base branching, each plant producing 12 to 15 huge flower spikes. The individual florets are large and double, measuring 2 inches or more in diameter. When in full bloom, each spike will have from 40 to 50 florets blooming at the same time. This type is certain to become a florist favorite. Blush Pink, Dark Blue, Rose Charm, a beautiful, rich deep rose. Trade pkt., 35c; 1/4 oz., \$1.00; oz., \$3.50.

SUNFLOWER

	Trade pkt.	Oz.
Chrysanthemum. Flowered. Double yellow....	\$.10	\$.20
Purpureus. Double shades of Brown, Bronze and Dark Crimson, 6 ft. ....	.10	.25
Thunbergia. Mixed. (Black eyed Susan)....	1/4 oz., 25c	.15
Torenia Fournieri. Makes a fine pot plant for Mothers' Day sales. Flowers blue with dark blotches on lip.....	1/8 oz., 40c	.25

TITHONIA (Mexican Sunflower)

Speciosa.	Orange-scarlet	1/4 oz., 75c	.25
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VINCA—(Periwinkle)

	Trade pkt.	Oz.
Delicata—Soft pink with dark eye.	1/4 oz., 45c;	\$.25
Kermesina—Bright red, dark green foliage, red stems.	1/4 oz., 45c	.25
Rosea Pink	1/4 oz., 45c	.25
Fl. Alba Oculata. White with pink eye	1/4 oz., 45c	.25
Alba Pura. Pure white.....	1/4 oz., 45c	.25
Mixed	1/4 oz., 45c	.25

VERBENA

Giant Flowered

A magnificent new strain of Verbena of robust compact habit and free blooming. The trusses are immense, the individual florets measuring fully an inch in diameter.

	Trade pkt.	Oz.
Gigantea Alba. Very large, pure white.....	1/4 oz., 60c	.30
Etna. Garnet red with cream eye.....	1/4 oz., 60c	.30
Luminosa. Luminous, flame-pink toning to softer shades of salmon flesh and coral	1/4 oz., 50c	.25
Lavender Glory. Lavender with medium sized creamy white eye.....	1/4 oz., 75c	.35
Lucifer red	1/4 oz., 50c	.25
Rosea Stellata. Pink, white eye	1/4 oz., 50c	.25
Royal Purple	1/4 oz., 75c	.35
Spectrum Red. (New) Intense bright red.	1/4 oz., 60c	.35
Beauty of Oxford. Rose Pink to Rose Red shades	1/4 oz., 75c	.35
Crimson Glow. Glowing Crimson. 1/4 oz., 75c	.35	.25
Giant fl. Mixed	1/4 oz., 60c	.30
		2.00

ERINOIDES (Moss Verbena)

Purple. Somewhat spreading habit. Excellent as a cover on dry soil.....	1/4 oz., 35c	.25
		1.25

VERBENA (New Venosa Lilacina)

Verbena Venosa, known in the catalogues as a perennial, is one of the most useful "blue" flowers one can grow. It is excellent as a cut-flower. In color, the flowers are delicate lavender-blue. One of this verbena's qualities is its drought resistance. It grows from 12 to 18 inches in height.

New Venosa Lilacina	1/4 oz., 50c	\$.25
		\$1.75

VERBENA HYBRIDA DWARF COMPACT (Erect) 6 in.

This group is very neat and compact in habit. It is a continuous bloomer, particularly adapted for bedding, borders and small gardens.

Blue Sentinel (New) violet blue, white eye.	1/4 oz., 65c	\$.25
		\$2.35

VENIDIUM

VENIDIUM FASTUOSUM (Monarch of the Veldt)

A fast grower, producing flowers within 90 days from seed, and keeps on flowering until late in the summer. Grows 2 to 3 feet high, flowers orange color, marked with a purplish black zone at center, flowers average from four to five inches across... Trade pkt., 25c; 1/4 oz., 75c; oz., \$2.25.

ZINNIAS

FANTASY CLASS

Fantasy is the most fascinating new Zinnia type introduced to the flower world in many years. The very informal, shaggy appearing flowers are graceful and interesting, quite distinct from the stiff, formal zinnias to which we are accustomed.

Trade pkt. Oz.

Rosalie. Bright intense rose, equally lovely in the garden or as a cut flower. $\frac{1}{4}$ oz., 50c	.25	\$1.75
Orange Lady. Rich shade of deep bright orange $\frac{1}{4}$ oz., 50c	.25	1.75
White Light. As near white as any zinnia yet developed, practically 100% true to color $\frac{1}{4}$ oz., 50c	.25	1.75
Star Dust. Rich deep golden yellow $\frac{1}{4}$ oz., 50c	.25	1.75
Wild Fire. Rich dazzling scarlet. $\frac{1}{8}$ oz., 50c	.25	
Mixed Colors $\frac{1}{4}$ oz., 50c	.25	1.75

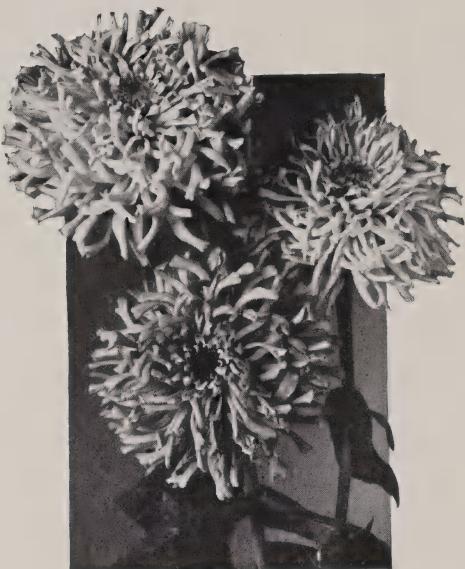
CREEPING ZINNIA CLASS

Sanvitalia Procumbens

The tiny $\frac{1}{2}$ to $\frac{3}{4}$ inch double, button-like flowers of deep golden yellow resemble Zinnia Haageana. The plant however is prostrate and creeping, extremely dwarf, reaching a height of no more than 4 or 5 inches. The foliage is fine, light greyish-green, blending well with the golden yellow flowers. Trade pkt., 25c; oz., \$1.25.

ZINNIA LINEARIS

The most unusual and interesting of the newer Zinnias is the little dwarf variety, Linearis. The flowers, which are single, are a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal, while the center is dark brown in the young flowers, turning golden orange as the pollen develops. Trade pkt., 25c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.



ZINNIA FANTASY

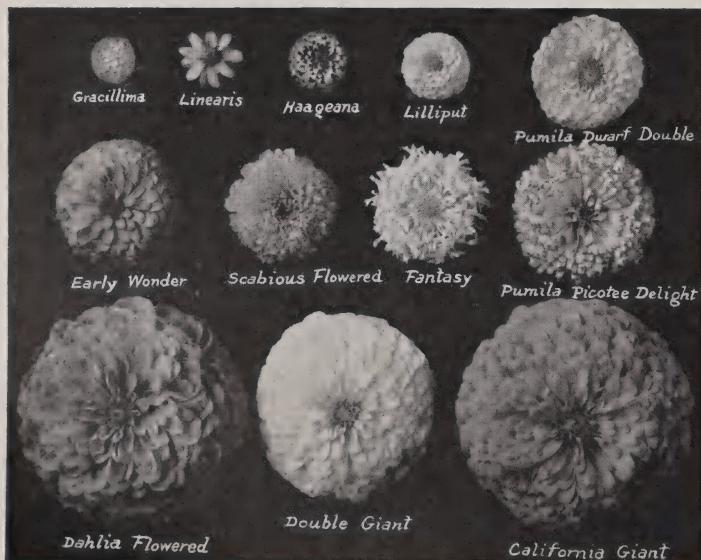
DAHLIA FLOWERED CLASS

SUPER CROWN OF GOLD MIXTURE Pastel Tints

The aristocrat among Zinnias—each petal of the flower is overlaid with a deep golden-yellow at the base, while carrying out the individual flower color at the tip. The color range includes the popular florist shades. Trade pkt., 25c; $\frac{1}{4}$ oz., 40c; oz., \$1.25.

SCABIOUS FLOWERED CLASS

This new Zinnia is entirely different to all the other Zinnia classes. The plant reaches a height of about 40 inches and is of abundant flowering. Its value is largely in the form of the flowers, as the outer ring consists of long petals, whereas the center shows many small flowers, which at first sight have a great likeness to the Scabiosa family. $\frac{1}{4}$ oz., 50c; trade pkt., 25c; oz., \$1.75.



COMPARATIVE ZINNIA FLOWER TYPES

FLOWER SEEDS ARE POSTPAID

SMALL TYPE ZINNIA GRACILLIMA (Red Riding Hood)

Miniature bright crimson flowers about half the size of Lilliputs. 1 foot high, splendid for bedding. $\frac{1}{4}$ oz., 30c; oz., 85c; Trade pkt., 15c.

LILLIPUT "TOM THUMB" MIXTURE

Desirable for rock gardens. A good range of colors. Mixed. 4 to 6 inches. $\frac{1}{4}$ oz., 35c; oz., \$1.00; Trade pkt., 15c.

HAAGEANA DOUBLE (Mexican Hybrids)

The small flowered Mexican Zinnias have a charm all their own. The smaller flowers lend themselves to bedding and make a brilliant display and yet have stems long enough to make fine bouquets for small vases and bowls. Oz., \$1.00; $\frac{1}{4}$ oz., 35c; Trade pkt., 15c.

HARDY PERENNIAL AND BIENNIAL SEEDS

Trade pkt. Oz.

Achillea Ptarmica fl. pl., The Pearl (Double White)	1/4 oz., 75c	.25	\$2.60
Millefolium Kelwayi, Dark blood red....	.25		

Aconitum (Monk's Hood)			
Napellus. Dark blue.....	1/4 oz., 65c	.25	1.80
Agrostemma Coronaria . Mixed .....	.15	.35	

ALYSSUM

Madwort; Basket of Gold

Saxatile Compactum . Broad masses of bright yellow flowers in early spring. An excellent plant for the rockery or front of borders. 1 foot	1/4 oz., 25c	.15	.85
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ROCK GARDEN PERENNIAL MIXED

Rare species, mixed kinds. Includes such varieties as montanum, postratum, corymbosum, gemonense and many others.			
.....	1/8 oz., 75c	.35	

AMPELOPSIS VEITCHII

	Trade pkt.	Oz.	
(Boston or Japan Ivy)	1/4 lb., 60c; lb., \$2.25	.10	\$.20

ANCHUSA

Italica , Dropmore variety. Dark blue.....	.15	.40	
Myosotidiflora . Pale blue Forget-me-not flowers	1/8 oz., \$2.00	.50	

ANTHEMIS

Tinctoria. Kelwayi. Yellow20	.65	
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ARABIS ALPINA (Alpine Rock-Cress)

White, sweet scented.....	.15	.65	
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ARMERIA MARITIMA

(Cushion Pink) Rose.....	.25	1.40	
Bee's Ruby—Rich deep rose color.....	.50		



ARMERIA

ZENKE'S FUNGICIDE

Stops mildew, rust, leaf spots, black molds, wilts, damping off, gall and leaf curl.
1 qt. can, 90c; 1 gal. can, \$2.85;
5 gal. \$13.75.

AQUILEGIA (Columbine)

Trade pkt. Oz.

Alpina, Blue25	\$1.75
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Crimson Star . This new long-spurred Aquilegia comes true from seed, and the coloring is unique, the sepals and spurs being deep blood-crimson, with white petals. The plant is vigorous, sending up flower stems very freely to the height of 2 1/2 feet.		
.....	1/4 oz., \$1.85	.50



COLUMBINE CRIMSON STAR

New Long Spurred Beauty—Perennial, 2 feet. A re-selection of the finest long spurred columbines for those who desire specified colors. This strain is absolutely unequalled in coloring, form, and size. In the following three colors which we offer, they come almost entirely true to type.

Trade pkt. Oz.

Blue Shades—Contains all the shades of blue, lavender, mauve and purple.		
.....	1/4 oz., \$1.85	.50

Pink Shades—Color ranges from apple-blossom to deep rose.....

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HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

ASTERS (Michaelmas Daisy)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past. Should be planted in masses for the best effect. They grow freely in any soil.

	Trade pkt.	Oz.
New Large Flowering Hybrids. One of the most beautiful late flowering types. Daisy-like flowers massed profusely on plants 3 feet high. A mixture of the most beautiful shades	\$.35	

AUBRETTIA

Trade pkt. Oz.

Hybrida grandiflora. Flowers large, varying in all shades from white, rose, lilac, dark red, blue to violet. Very useful for borders and rock-work, 3 to 4 in.....	.25	
Eyri. Deep rosy lilac; best of all.....	.50	
Baptisia Australis. Light blue.....	.20	.85

BELLIS (Double Daisy)

Trade pkt. Oz.

Monstrosa Mixture	1/4 oz., \$0.85	\$0.25	\$3.00
Monstrosa. White	1/4 oz.,	1.40	.35
			4.50
Monstrosa. Pink	1/4 oz.,	1.00	.35
			3.50
Monstrosa. Red	1/4 oz.,	1.25	.35
			4.00
Etna. Double Red (Tubulosa)	1/8 oz.,	.90	.35
			6.50

CAMPANULA

Trade pkt. Oz.

Campanula Carpatica (Hare Bell) blue.....	1/4 oz., 40c	\$0.25	\$1.20
Carpatica Alba. White	1/4 oz., 40c	.25	1.20
Mixed	1/4 oz., 40c	.25	1.20
Medium (Canterbury Bell), single mixed .....	.10	.40	
Single White, Blue or Pink.....	.10	.40	
Calycanthema (Cup-and-Saucer), choice mixed	1/4 oz., 35c	.15	1.20
Dark Blue, Pink, Light Blue or White	1/4 oz., 40c	.15	1.40

CHEIRANTHUS (Siberian Wallflower)

Trade pkt. Oz.

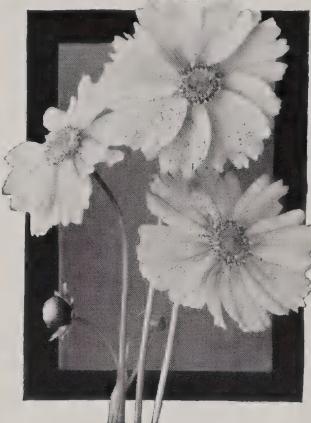
Allionii, bright orange-yellow.....	\$.15	\$.40
Golden. Bedder. Fragrant golden yellow flowers, larger than Allioni, are borne for a long season, if faded blossoms are kept picked .....	.25	.75
Linifolius (Alpine Wallflower). 9 in. Wall-flower-like blossoms of lilac.....	.35	



CHEIRANTHUS—GOLDEN BEDDER

FLOWER SEEDS ARE POSTPAID

	Trade pkt.	Oz.
Coreopsis. Lanceolata Grandiflora. Golden yellow	1/4 lb.	\$1.00
Lanceolata Grand, fl. pl. Double-flowered.....	.15	.75
Mayfield Giants. Extra large, single Golden Yellow .....	.15	.60



COREOPSIS—MAYFIELD GIANT

	Trade pkt.	Oz.
Candytuft Semperflorens (Hardy Candytuft) White .....	.25	\$1.50
Gibraltarica. Large flowers, lilac, shading to white .....	.15	.80

CARNATIONS

Trade pkt. Oz.

Grenadin. Scarlet, double.....	1/4 oz., 90c	\$0.25	\$3.00
White double	1/4 oz., 90c	.25	3.00
Rose Queen. Double rose pink.....	1/4 oz., 90c	.35	3.00
Black Prince. Dark Red.....	1/4 oz., 90c	.35	3.00
Golden Sun	1/4 oz., 90c	.35	3.00

CERASTIUM

Trade pkt. Oz.

Tomentosum (Snow in Summer). 1/4 oz., 50c	\$.25	\$1.40
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DAISY (Shasta)

Trade pkt. Oz.

Alaska. Large, late.....	1/4 oz., 30c	\$0.20	\$1.00
May Queen. Very early and smaller than Alaska. More blooms to the plant.....	.20		.90
Double Shasta Daisy. Pure white, blooms in May. Double and semi-double	1/8 oz., \$4.00	.50	

DIGITALIS (Foxglove)

Trade pkt. Oz.

Montrosa (Mammoth Foxglove), mixed.	\$0.15	\$0.75
White, pink, purple.....	.15	.75
Giant Shirley. New. Magnificent strain, enormous flowers, pure white to deepest rose. Spikes 3 to 5 ft. high..	.15	.75

HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)



DIANTHUS BARBATUS (Sweet William)

DIANTHUS—BARBATUS (Sweet William)

	Trade pkt.	Oz.
Scarlet Beauty.....	1/4 lb., \$2.50; 1/4 oz., 45c	.20 \$1.35
Pink Beauty (Newport Pink).....	1/4 lb., \$2.25	.15 1.00
Diadematus. Rose sprinkled white.....		.15 .75
Dunnettii. Crimson.....		.15 1.25
Purple Beauty. Bright deep purple.....		.20 1.25
White.....		.20 1.35
Single Mixed.....	lb., \$4.50	.15 .60
Double Giant Flowered, mixed.....		.35 1.00

HYBRIDUS LATIFOLIUS ATROCOCCINEUS

Mixed. Everblooming Sweet William.....	.15	.80
Latifolius Atrococcineus. Rich fiery scarlet crimson.....	.15	.80

DIANTHUS (Pinks)

	Trade pkt.	Oz.
Dianthus Plumarius (Pheasant's Eye). Single mixed.....	\$.25	\$1.00
Plumarius Double. Fine mixed.....	1/4 oz., 60c	.25 1.80
Cyclops. Best single. Mixed.....		.25 1.25
Semperflorens. Single Mixed.....		.25 1.80
Double Mixed.....	1/4 oz., 60c	.25 1.80
Caesius, Cliff pink. Rose pink. Useful for rock gardens.....		.25 1.00
Deltoides, Brilliant, Rich Rose Pink.....	1/8 oz., \$2.50	.25
Deltoides, Erecta, Red, erect compact.....	1/8 oz., \$4.00	.50
Deltoides, Rose (Maiden Pinks).....	1/8 oz., \$2.40	.25
Deltoides, Mixed, fine for rock gardens.....	1/8 oz., 50c	.25
Allwoodii Alpinus. It is only 4 to 6 inches high, has single and semi-double flowers and contains all the Dianthus colors. It is a perfect gem for the rock garden.....		.35

DIANTHUS (Continued)

	Trade pkt.	Oz.
Single Sweet Wivelsfield, Dianthus Sweet Wivelsfield (Dianthus Allwoodii x D. Barbatus.) A new hardy annual, good for borders, as a cutflower, and especiall adapted for rock gardens.....	1/4 oz., 25c	.15 \$.80
New Double Sweet Wivelsfield. A sensational plant—a great improvement on the original Sweet Wivelsfield, which proved such an enormous success when sent out by us some four years ago.....	1/4 oz., 70c	.35

DELPHINIUM

	Trade pkt.	Oz.
Belladonna, Improved	1/4 oz., 50c	.25 \$1.65
Bellamosum. Dark blue	1/4 oz., 65c	.35 2.00
Blackmore and Langdon's Strain, a superior mixture	1/4 oz., 90c	.50 3.25
Wrexham strain (Hollyhock Delphinium)	1/4 oz., \$1.40	.50 5.00
Gold Medal Hybrids. Mixed.....	1/4 oz., 50c	.25 1.40
Pacific Hybrids. Mildew resistance, solid woody stems, fine large spikes, large flowers that will not shatter..	1/4 oz., \$3.50	1.00 12.00



DELPHINIUM PACIFIC HYBRIDS

HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

	Trade pkt.	Oz.
Forget-Me-Not (Myosotis) Alpestris. Blue	\$.15	\$.50
Alpestris. White .....	.15	.50
Rosea. Pink .....	.15	.80
Palustris Semperflorens. Excellent ever-blooming strain, bright blue..	1/4 oz., .25	2.50

GAILLARDIA

	Trade pkt.	Oz.
Grandiflora Compacta. Mixed	\$.20	\$.75
Grandiflora—The Dazzler—By far the largest and most attractive Giant Red Gaillardia. This new Gaillardia has been selected for brilliancy of color, size, and length of stem. The flowers, which are very large, are the rich deep red with a very bright orange tip on each petal. Most attractive for table decoration...	.25	1.35
Portola Hybrids—These are hybrids of the well-known Portola variety, and reproduce quite satisfactorily from seed. This is red with a golden tip .....	.25	1.50
Grandiflora, Burgundy. Lovely wine red flowers on long stems.....	1/4 oz., .25	1.80
Goblin. 12-15 in. First real dwarf, covered with showy deep red flowers, yellow bordered. Flowers first year from seed. 1/8 oz., .50		



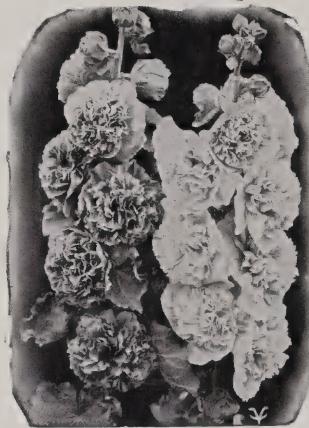
GAILLARDIA—GOBLIN

	Trade pkt.	Oz.
Geum Coccineum, Mrs. Bradshaw (New) Orange scarlet	1/4 oz., .50c	\$ 1.50
Gypsophila. Paniculata. Single, white.....	.15	.30
Paniculata Fl. Pl. Double.....	1/8 oz., .60c	.50
Pacifica. New pink variety of strong growth, blooming after the Paniculata is past its best, 4 feet.....	1/8 oz., .60c	.35
Repens. Dwarf white Baby's Breath. Splendid in rockery. 4 in.....	1/4 oz., .60c	.25
Helianthemum mutabile (Rock Cistus, Sun Rose) various, beautiful.....	.15	.80
Hesperis Matronalis. Purple.....	.15	.50
Heuchera Sanguinea. Coral red 1/8 oz., \$1.25	.50	
Hibiscus. Mallow Marvels. True red or rose	.15	1.00
Mixed	1/4 oz., .50c	.25

HOLLYHOCKS

	Trade pkt.	Oz.
Double Deep Rose and Crimson. New Port Pink, White, Yellow, Maroon, Scarlet.		
Each of the above	1/4 oz., .40c	\$.25
Chater's Prize. Double Mixed..	1/4 oz., .35c	.25
Single Mixed	1/4 lb., \$1.50	.15

Iberis. See Candytuft.



HOLLYHOCK—DOUBLE

	Trade pkt.	Oz.
Kudzu Vine (Perennial Climbing Plant), Pueraria Thunbergiana, fragrant wisteria-like flowers		\$.10
Larkspur (Perennial). See Delphinium.		
Lathyrus Latifolius (Perennial Pea).		
Latifolius. Red .....		.20
Pink Beauty .....		.20
White Pearl .....		.20
Mixed .....		.15
Lilium. Philippinense Formosanum Improved. With protection from freezing and thawing, this is hardy in our latitude. From an early spring sowing, some will flower in late summer. Pure white under glass, some rose shading outdoors	1/8 oz., .50c	.35
Regale. Regale Lily. Pink outside, inside a primrose yellow .....		.15
Tenuifolium (Siberia). A dainty little Lily with slender stem and grassy foliage, bearing in early June, numerous showy, glossy scarlet flowers with reflexed petals. Height 1 1/2 feet. This Lily should be planted in a sunny situation in light, sandy, well drained soil.....	1/4 oz., .25c	.60

FLOWER SEEDS ARE POSTPAID

HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

	Trade pkt.	Oz.
<i>Leontopodium alpinum</i> (Edelweiss)	\$.50	\$
<i>Linum Perenne</i> (Perennial Flax). Blue....	.10	.30
<i>Flavum</i> . Fine variety with transparent, yellow blossoms. 1 ft. Fine for rockery.	.35	
<i>Lunaria Biennis Alba</i> (Honesty or Peter's Pence) .....	.25	1.00
<i>Lupinus Polyphyllus Roseus</i> .....	.15	.50
<i>Polyphyllus Albus</i> . White.....	.15	.30
<i>Princess Juliana</i> . Pink .....	.15	1.00
Mixed .....	.15	.80

RUSSELL LUPINS (Mixed Hybrids)

	Trade pkt.	Oz.
The colors are extraordinary, with many new shades never before seen in Lupins, such as self blues, pinks, reds, yellows, maroon, purples, and bi-colors like violet and white, blue and yellow, red and bronze, red and white, yellow and orange, pink and white, and others. Individual flowers are above average size, the upright standards being an inch across.	1/4 oz., .75c	\$.25
		\$2.50
<i>Lychnis Chalcedonica</i> (Lamp Flower) Scarlet .....	.15	.65
<i>Viscaria Splendens</i> . Bright rose-red. Very showy; 1 foot	1/4 oz., .50c	.25



LYCHNIS—VISCARIA—SPLENDENS

Matricaria

	Trade pkt.	Oz.
<i>Eximia Nana</i> fl. pl., Golden Ball.....	\$.25	\$1.80
<i>Capensis Alba Plenissima</i> .....	.15	.75
<i>Snowball</i> . Double White .....	.25	1.80
<i>Myosotis</i> (See Forget-Me-Not).		

ICELAND POPPIES

	Trade pkt.	Oz.
New pink shades	1/4 oz. .65c	\$.25
Sandford's Giant Strain. A new giant strain with blooms measuring up to 5 inches in diameter, carried on stems 2 feet long. Contains many lovely colors. ....	.25	
Finest Mixed. All colors	1/4 oz. .65c	.25

FLOWER SEEDS ARE POSTPAID

ORIENTALE POPPIES

	Trade pkt.	Oz.
<i>Oriental (Oriental Poppy)</i> Scarlet.....	\$.15	\$.80
<i>Hybrids</i> , new varieties, mixed .....	.25	1.00
<i>Princess Victoria Louise</i> . Soft salmon rose .....	.40	5.00
<i>Beauty of Livermere</i> , crimson, with black blotch, fine large flowers .....	.25	2.75
<i>Mrs. Perry</i> . Salmon Rose....1/8 oz., \$1.00	.35	
<i>Penstemon hybridus grandiflora</i> , extra fine large-flowered hybrids ....1/4 oz., .70c	.25	
<i>Blue Gem</i> . Fine for rock gardens.....	.25	
<i>Physalis franchetii</i> (Japanese Lantern Plant), fruits very large, of striking effect .....	.15	.60
<i>Phlox Decussata</i> . Perennial varieties mixed. Seed germinates slowly .....	.25	1.40
<i>Physostegia virginiana gigantea</i> . Of imposing appearance, up to 6 feet high; flowers very long-stalked, extra large deep crimson-rose. Excellent cut bloom .....	.35	
<i>Virginiana grandiflora alba</i> . Large flowered, white, beautiful for cutting.....	.35	
<i>Platycodon Grandiflorum</i> . Blue .....	.25	1.00
<i>Mariesi</i> . Large open, bell shaped flowers of rich violet blue, plant dwarf and compact .....	.50	
White .....	.50	



PLATYCODON

HARDY PRIMROSE

Excellent early spring blooming plants; hardy, though in very cold localities they should have slight protection.

	Trade pkt.	Oz.
<i>Japonica</i> . One of the best hardy primroses for the garden; mixed colors. 1/16 oz., \$1.00	\$.50	
<i>Veris</i> . English Cowslip. This strain includes various shades of lilac, purple and violet, as well as a wide range of buff, orange, salmon and rich reds. ....	.50	
<i>Primula Auricula</i> . Beautiful low growing plants, producing quantities of flowers in various colors. 6 in. May to July....		
	1/16 oz., \$1.00	.50

HARDY PERENNIAL AND BIENNIAL SEEDS (Continued)

PYRETHRUM

	Trade pkt.	Oz.
Roseum. Single, mixed.....	1/4 oz., 90c	.15
Atrosanguineum, dark blood red.....		.35
Roseum rose	1/4 oz., 90c	.35
James Kelway. Rich velvety blood-red....		.35



PYRETHRUM

Trade pkt. Oz.

Salvia (Sage). Azurea Grandiflora. A hardy perennial variety producing during August and September spikes of pretty sky-blue flowers in great profusion; 3 to 4 feet.....		.25
Saponaria Ocyoides Splendens. Clouds of pink flowers .....	.15	.85
Scabiosa. Caucasicia (Blue Bonnet). Valuable for cutting, as the blooms last a long time in water. Color soft lavender-blue; 3 feet .....	.25	2.20

Trade pkt. Oz.

Silene—		
Schafta, a very showy trailing perennial, rosy purple .....	.35	\$1.80

Statice Latifolia. Blue. Fine for winter bouquets.		
..... 1/4 oz., 50c	.25	1.35

Stokesia Cyanea (Stokes' Aster). Sky blue25	1.60
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Sweet William. See Dianthus Barbatus....

Tritoma		
Early Perpetual Flowering Hybrids, very free flowering, fine range of color	.25	1.50

	Trade pkt.	Oz.
Tunica Saxifraga. A pretty tufted plant with light pink flowers, produced all summer. Useful either for the rockery or the border. 6 in. ....	.15	\$.75
Valeriana. Rubra. Mixed. ....	.15	.60

VERONICA (Speedwell)

Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed.	Trade pkt.	Oz.
Repens. 1 in. Useful carpeting plant. Blue flowers. May-June. 1/8 oz., 75c; Trade pkt., 45c.		

	Trade pkt.	Oz.
Spicata. 1 1/2 feet high. Has long spikes of bright blue flowers .....	.35	\$1.85
Verbena Venosa. A creeping plant in bloom all summer. The flowers are purplish and always plentiful. Good for rock garden in warm sunny place, 2 to 3 in. ... 1/4 oz., 40c		.25

VIOLA CORNUTA (Tufted Pansies)

	Trade pkt.	Oz.
Viola. Mixed 1/4 oz., \$1.20	.50	\$4.00
Lutea Splendens. Golden yellow..... 1/4 oz., 80c		.35
"Blue Gem" (Jersey Gem). Deep violet blue, with an occasional very slight variation in tint, and may be relied on to come about 70% true from seed... 1/8 oz., \$1.80		.50
Blue Perfection. Light blue.... 1/4 oz., 85c	.35	2.80
Apricot. Apricot, yellow, tinged orange.... 1/4 oz., \$1.20		.35
Admiration. Large dark blue. 1/4 oz., \$1.00		.35
White Perfection. flowers very large, of perfect form, pure white.... 1/4 oz., 85c	.35	2.80
Black Prince, black..... 1/4 oz., 85c	.35	
Lord Nelson. Deep violet..... 1/4 oz., 85c	.35	
Ilona, Wine Red 1/4 oz., \$1.00	.35	3.75



VIOLA

GLADIOLI BULBS

You will find below listed the popular varieties of Gladioli for both forcing under glass and outside planting. Bulbs recommended for forcing are marked (*). Only first size bulbs should be forced. A temperature of about 50°F. should be kept while forcing bulbs, although a cooler temperature will be satisfactory until they get well started. Gladioli start slowly and should not have an increase in heat until the buds show.

25 Bulbs at the 100 Rate—250 Bulbs at the 1000 Rate

Kinds marked with an asterisk () best for forcing

RED AND ROSE KINDS

	First Size 1½ in. and up Per 100	Per 1000
*Dr. Bennett. Brilliant scarlet.....	\$1.80	\$15.00
*Flaming Sword. Earliest of all reds, tinted Salmon	1.50	12.00
*Mrs. Frank Pendleton. Rich Salmon with distinctive blotch on lower petals.....	1.60	13.00
Mrs. Francis King. Standard scarlet.....	1.60	13.00
*Red Phipps. Rose Red	1.90	16.00

PINK KINDS

*Betty Nuthall (New). Orange pink, with soft yellow throat and beautifully penciled lines of a darker color	1.50	12.00
E. J. Shaylor. Tall, beautiful, pure deep rose-pink	1.60	13.00
*Giant Nymph. Light Pink	1.50	12.00
Halley. Salmon Pink with Red marked throat.....	1.50	12.00
*Los Angeles. Large flowers, Salmon pink. Very early. Long stem	1.50	12.00
*Picardy. Extremely large, slightly ruffled. Color soft shrimp pink without flecking. An outstanding cut-flower gladioli	1.50	12.00
W. H. Phipps. Pink Tinged, Rosy Salmon.....	1.80	15.00

YELLOW AND ORANGE KINDS

*Orange Queen. An early bloomer, good grower and color copper-orange	1.50	12.00
*Golden Dream. Fine Deep Yellow.....	1.50	12.00

WHITE KINDS

Albania. Finest Pure White.....	1.60	13.00
*Maid of Orleans. An outstanding large white.....	1.90	16.00

LAVENDER KINDS

*Minuet. Large light lavender.....	1.90	18.00
Pelegrina. Dark violet	2.25	20.00

GLOXINIAS

Size 1½ in. to 2 in. and up
Ready in January

Few flowers can surpass the large tubular blooms of Gloxinia for richness and variety of coloring. They make a gorgeous display during the summer and early fall months, and as a pot plant are unexcelled. In the following colors and varieties. Large size bulbs:

- Emperor Frederick—Scarlet bordered White.
- Etoile De Feu—Light Scarlet.
- Violacea—Violet.
- Mont Blanc—Clear White.
- Blanche DeMeru—Rose Pink.

Per dozen, \$2.25. Per 100, \$16.00.



PICARDY

PLEASE NOTE

If you are in the market for a large lot of Bulbs, send list for special prices.

MIXED KINDS

Superb Mixed contains a good selection of the finest varieties and colors. If you sell to the home gardeners, their demand will be for the mixed kinds.

Per 100 Per 1000

First Size	\$1.50	\$10.00
Second Size	1.30	8.00

TUBEROUS ROOTED BEGONIAS

Size 1½ in. to 2 in. and up

Ready in January

Giant Single Types, in the following colors. Large size. Pink, Scarlet, Yellow, Salmon, White. Per doz., \$1.60. Per 100, \$12.00.

Giant Double Types, in the following colors. Large size. Pink, Apricot, Yellow, Scarlet, White, Salmon. Per doz., \$1.60. Per 100, \$12.00.

SUMMER FLOWERING BULBS

DAHLIAS

HARNDEN'S SELECT DAHLIAS

All dahlias offered are dormant field roots or divisions of proper planting size.

DECORATIVE TYPE

	Each	Per Doz.	Per 100
Jersey Beauty, Beautiful Pink.....	\$.15	\$1.30	\$ 9.00
Mrs. I. de Ver Warner, Bright Lavender	.15	1.65	12.00
Pride of California, Bright Crimson..	.15	1.30	9.00
Sagamore, Amber gold shaded pink...	.15	1.30	9.00
Jean Kerr, Pure white fine cut flowers	.15	1.30	9.00
Jane Cowl, Buff, Orange and Yellow..	.15	1.30	9.00
Avalon, Canary Yellow .....	.15	1.35	10.00
Jersey Beacon, Scarlet and Buff.....	.15	1.60	12.00

BALL TYPE

A. D. Levoni, Bright Pink.....	.15	1.30	9.00
Yellow Collosse, Canary Yellow.....	.15	1.30	9.00
Maude Adams, White Overlaid Pink..	.15	1.30	9.00
Bonnie Blue, Violet .....	.15	1.30	9.00

POMPOM TYPE

Little Johnnie, Bright Red.....	.15	1.30	9.00
Catherine, Canary Yellow .....	.15	1.30	9.00
Snowclad, White .....	.15	1.30	9.00
Fashion, Orange .....	.15	1.30	9.00
Bobby, Dark Purple .....	.15	1.30	9.00
Little Herman, Red and White.....	.15	1.30	9.00
Rosa Wilmouth, Pink .....	.15	1.30	9.00

RANUNCULUS

Giant Claremont Hybrids

Their brilliant lovely globular-shaped flowers are splendid cut flowers and lovely at all times. May be left undisturbed for many years. In the north, bulbs may be planted in April and May outdoors and will bloom in July and should be taken up for the winter and stored dry until the following season.

This new giant Ranunculus is far ahead of the common types. The perfectly double flowers are produced on tall, stout stems and appear in every conceivable shade of color. The blooms are many times larger. The long stems make them superb for cutting.

Top Size Bulbs

In four separate colors—Yellow, Gold,

	Per Doz.	Per 100
Orange, Red and Pink.....	\$.50	\$3.25
All colors mixed.....	.45	3.00

CALADIUM ESCULENTUM— Elephant Ear

One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas when edged with Coleus or other low-growing foliage plants.

	Per Doz.	Per 100
7 to 9 inches.....	\$.85	\$5.50
9 to 11 inches.....	1.25	8.00



FANCY LEAVED CALADIUMS

CALADIUMS--Special Fancy Leaved

For window boxes, show plants or greenhouse growing, this is one of the most decorative plants. Rich thrifty leaves, handsomer than Begonias; marbled, veined and striped with white, pink and dark red. Bulbs should be started into growth about February 1st in a warm house.

	Per Doz.	Per 100
Dry Bulbs, Mixed Colors.....	\$.60	\$12.00

HARNDEN'S SELECT CANNA ROOTS

Dormant 2 to 3 Eye Divisions

Green Foliage

	Per Doz.	Per 100
City of Portland, Rose Pink, 3½ ft.....	\$.60	\$4.00
President, Rich Scarlet, 4 ft.....	.60	4.00
Yellow King Humbert, Brilliant Yellow 4½ ft.....	.60	4.00
Mrs. Alfred Conard, Large Salmon Pink, 4 ft.....	.60	4.00

Bronze Foliage

King Humbert, Orange Scarlet, 4 ft.....	.60	4.00
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TUBE ROSE BULBS

Double Pearl

	Per 100	Per 1000
Excelsior Dwarf Pearl, Large Bulbs, 4 to 6-inch	\$3.00	\$25.00

Single Mexican

No. 1 Bulbs	3.00	25.00
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Wholesale Price List of High Grade GARDEN SEEDS

Selected and Tested

Market Growers and Florists

Asparagus Seed

1 oz. to 100 ft. row. 4 lbs. to acre

German: SPARGEL

Spanish: ESPARRAGOS

Italian: SPARACIO

Mary Washington Rust-Proof Asparagus. By a number of years' selection, a rapid-growing, heavy-yielding, rust-resisting strain of large, tender asparagus has been produced. Especially valuable for commercial growers.

Artichokes

3/4 oz. to 100 ft. row. 6 ozs. to acre

German: ARTISCHOKE

Spanish: ALCACHOFA

Italian: ARTICIOCCHA

Green Globe Artichokes. Are cultivated for their flower-heads, which are cooked like asparagus. Plants set in any good soil, with light covering in winter, will remain in bearing several years. Cultivation limited in this section.

Garden Beans

1 lb. to 100 ft. row. 60 lbs. to acre.

German: ZWERG BOHNEN

Italian: FAGIUOLI

Spanish: HABA

Beans

Dwarf or Bush Green Podded Sorts

Burpee's Stringless Green Pod. For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight, 5 in. long. The pods are tender, bright and of the finest flavor, entirely stringless. 53 days.

Full Measure — A green podded variety which has proven very satisfactory in some sections both for the market and home garden. The pods somewhat resemble those of Stringless Green Pod but a trifle longer and more slender. Pods round, about 5 in.

TENDERGREEN

long, firm but tender, entirely stringless, and of excellent quality. Seed medium size, brown mottled with light yellowish drab. 52 days.



®

Bountiful Stringless. Flat Pod. A "Long Yellow Six Weeks," improved by earlier growth, hardiness, and more prolific yield. Of sturdy growth, being practically immune to rust and mildew. It is very hardy, early and prolific and continues in bearing for several weeks. The pods are immense size, rich green, thick, broad, extra long, solid, meaty, rich, tender and entirely free from string. 48 days.

Stringless Red Valentine. For snaps there is nothing superior to this variety among the older green podded sorts. These plants are of dwarf, compact bush growth, 15 to 18 inches high; very prolific, hardy and early in maturing. Pods medium length, curved, cylindrical, with crease in back; fleshy, crisp and tender. 52 days.

Tender Green. A new variety of superior quality. Plants are strong and vigorous, bearing attractive light green pods 7 inches long. Pods are round, meaty, tender, stringless. Plants of upright growth and heavy producers. Seeds brown mottled with fawn. 54 days.

DWARF OR BUSH WAX PODDED SORTS

Improved Golden Wax. Vines erect, compact, bearing the pods well up from the ground. Pods of medium length, 4½ to 5 inches, nearly straight, broad, flat, golden yellow, very fleshy and wax-like; cooking quickly as snaps, shelling well when green, and of the highest quality used in either way. Seed medium sized, oval, white, more or less covered with two shades of purplish red. 48 days.

Pencil Pod Black Wax. Continued experience has satisfied us of the great merit of this variety as the earliest wax podded bean. In all our many comparisons of this bean with other extra early sorts, we have found it the first to give a full picking of pods which were unexcelled by any in quality. Vines erect, compact, bearing the pods well up from the ground. The pods are an attractive medium yellow in color, medium sized, about 4½ inches long, round, very fleshy, crisp, tender and stringless. The best extra early wax bean for the home or market garden. 52 days.

PRICE ON ARTICHOKE

Green Globe	Oz., \$.75
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PRICE ON ASPARAGUS

Oz.	1/4 lb.	Lb.	5 lbs. per lb.
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Mary Washington, Rust-proof	\$.10	\$.20	\$.60	\$.50
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PRICES ON BEANS

BEANS (Green-Podded)

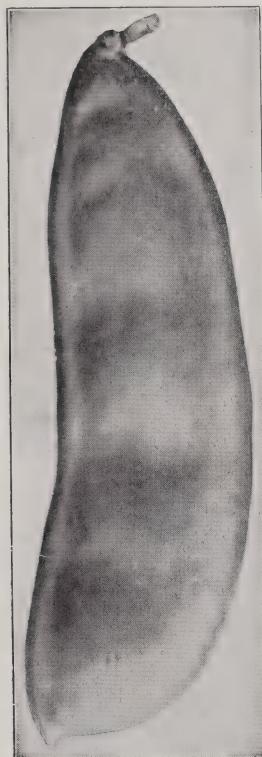
	10 lbs.	100 lbs.
	Lb. per lb.	Lbs.
Stringless Red Valentine.....	\$.17	\$.15 \$14.00
Burpee's Stringless Green Pod.....	.17	.15 14.00
Full Measure .....	.17	.15 14.00
Bountiful .....	.17	.15 14.00
Tendergreen .....	.17	.15 14.00

BEANS (Wax)

Improved Golden Wax .....	.18	.16	15.00
Rust-Proof Black Wax .....	.18	.16	15.00

25 lbs. Beans take 100-lb. price.

BEANS—Continued



DWARF OR BUSH LIMA BEANS

1 lb. to 100 ft. row. 60 lbs. to acre

Henderson Bush Lima. This early flat pod lima is the most satisfactory variety to grow in districts which have about the same climate as Kansas City. It is two weeks earlier than any other variety. They resemble the Burpee's in flavor and shape, but are only about one-third as large. As dry beans are known as Baby Lima. 65 days.

Burpee's Bush. The old standard Bush Lima Bean. The bushes are 18 to 20 inches high, of stout, erect growth; branch freely and are very prolific. The pods are well filled with large, fleshy beans of excellent quality. Delicate pale green in color and possessing that rich, buttery flavor. 75 days.

Fordhook Bush Lima Bean—A stiff, strong grower and very heavy cropper. The pods are produced in clusters. Four to six days earlier than others. Bean is tender, sweet and juicy, either green or dry. The beans are so closely packed in the pods that the end of each bean becomes flattened. 75 days.

Jackson Wonder. A prolific variety very popular in the South. Flourishes in dry weather. Plants grow 20 in. to 2 ft. high. Blooms early and continues to bear until frost. Excellent for summer use or as a winter shell bean. Pods flat, seeds small, flat, buff mottled with purple.

POLE LIMA BEANS

Florida Butter, Speckled Pole Lima. Blooms and bears profusely all through the season, being able to endure seasonal conditions which would ruin other varieties. Small beans of good quality either in green or dry state. Small seeds buff mottled with brown. 77 days.

Small Carolina, or Sieva Lima. This is a small type of the Pole Limas. It matures quickly, produces immense crops, and makes an excellent bean for winter use. 78 days.

King of the Garden Lima. Vines very vigorous and productive. Pods medium dark green, very large, five to six inches long, broad, flat, filled with four or five immense white beans of finest quality. On account of its large pods, it is a favorite with market gardeners. It will come into bearing earlier and make larger pods if not more than two vines are left to grow on a pole. Seed very large, ovoid, flat, white, with slight greenish tint. 88 days.

Pole or Cornfield Beans

1 lb. to 100 hills. 30 lbs. to acre

Yard Long. A good table bean as well as a curiosity. It is very prolific and a rank grower. Should have ample arbor to climb upon. It should be grown more extensively in the home garden. It is of Chinese origin and one of the best vegetables emanating from that source. It is also absolutely rust-proof.

Kentucky Wonder. Also known as Old Homestead. We believe this variety is the most practically useful of the green podded, pole beans suitable for use as snaps. It is an early, very prolific sort with showy pods which are of most excellent quality. The vines

are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are medium light green, very long, often reaching 9 or 10 inches, nearly round and very crisp when young, becoming very irregular as the beans ripen. 65 days.

Kentucky Wonder Wax. This remarkable vigorous growing, wax podded pole bean is very similar to the green podded Kentucky Wonder, but the very long pods are a little broader, very fleshy and quite stringless as snaps. The mature pods are often 8 to 9 inches in length. Seed medium size, flattened, very irregular, dark brown. The seed even from the most matured crops is usually somewhat shriveled in appearance. Its earliness and hardiness commend it as a pole bean, well adapted even for northern latitude. 67 days.

Lazy Wife. The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains from 6 to 8 round, white beans, which makes excellent winter shell beans. 74 days.

Scarlet Runner. Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of an excellent quality. 78 days.

White Creaseback. A fine early, green podded pole bean of rapid growth and very productive. The pods grow in clusters and are from 5 to 6 inches in length, perfectly round and deeply creased. They are very fleshy, stringless and of the best quality. The beans are white and are excellent shelled for winter use. 62 days.

Speckled Cut Short, or Corn Hill. An old variety, very pop-

ular in the Central and Southern states for planting among corn. It will give a good crop without the use of poles. Vines medium sized, but vigorous, twining loosely with dark colored leaves. Pods short, 3 to 4 inches in length, flat to oval, fleshy and of good quality. 75 days.

Missouri Wonder. A late variety with 5-inch flat curved pod, color medium green. Meaty, stringy, good quality. Long bearing and very productive. Seed grayish mottled with light brown. 68 days.

PRICES ON BEANS

BEANS (Bush Lima)	10 lbs. Lbs.	per lb.	100 lbs.
Henderson's Bush Lima.....	\$.18	\$.18	\$15.00
Burpee's Bush Lima.....	.19	.17	16.00
Fordhook Bush Lima .....	.22	.20	19.00
Jackson Wonder .....	.20	.18	17.00

BEANS (Pole Lima)	100 lbs.	100 lbs.
King of the Garden Lima.....	.19	.17
Carolina or Sieva.....	.19	.17
Florida Speckled Butter.....	.19	.17

BEANS (Pole or Running)	100 lbs.	100 lbs.
Lazy Wife .....	.20	.18
Speckled Cut-Short .....	.20	.18
White Creaseback .....	.20	.18
Kentucky Wonder .....	.18	.16
Kentucky Wonder Wax.....	.20	.19
Scarlet Runner .....	.22	.20
Yard Long .....	.75	.70
Missouri Wonder .....	.20	.18



**BEET—EARLY WONDER
SUGAR BEETS**

Wanzleben. This is the variety so extensively planted for sugar manufacture. Although it does not yield quite as large crops as mangels, the feeding value, pound for pound, is greater on account of its high percentage of dry matter content. 100 days.

PRICES ON BEETS

	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Crosby's Egyptian	\$.20	\$.60	\$1.75	\$1.65
Detroit Dark Red.....	.20	.60	1.75	1.70
Early Blood Turnip....	.20	.50	1.50	1.45
Early Wonder .....	.20	.50	1.50	1.45

BEET—Sugar

	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Wanzleben	\$.15	\$.30	\$1.00	\$.95

MANGEL COW BEETS

	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Harnden's Mammoth Long Red	\$.15	\$.30	\$1.00	\$.95
Golden Tankard .....	.15	.30	1.00	.95

BROCCOLI

$\frac{1}{4}$ oz. to 100 ft. row. 2 ozs. to acre
German: SPARGELKOHL Spanish: BROCOLI
Italian: BROCOLI

Italian Green Sprouting. Rapidly becoming a very popular vegetable. Culture is the same as Cauliflower but much easier grown. A rapid grower, producing bluish green heads in center of plant about 90 days after planting. After original head is cut, the plant produces many branches which also bear smaller heads. It is usually served like Cauliflower but the flavor is distinct and has no similarity to Cauliflower. It is also cooked and served the same way as Asparagus. 90 days.

BRUSSELS SPROUTS

$\frac{1}{4}$ oz. to 100 ft. row. 2 ozs. to acre
German: ROSENKOHL Spanish: BERZA de BRUSELS
Italian: CAVOLO di BRUSSELLES

Brussels Sprouts are miniature cabbage formed on a plant stalk. The delicate flavor is improved by a touch of frost. The culture is practically the same as for cabbage. For late use sow seed in June.

Long Island. Improved. Hardy and a heavy yielder. A fine variety originated and grown in Denmark.

Table Beets

1 oz. to 100 ft. row. 5 lbs. to acre
German: SALAT-REUBEN Spanish: BETTARAGA
Italian: BARBABEIOLA

Crosby's Egyptian. The name of this variety is misleading, as it resembles the Egyptian only in its extreme earliness. Tops small. The roots are flattened, globe-shaped and very smooth. Exterior color of root bright red. One of the best for early planting outdoors. Much used for bunching. It becomes fit for use earlier than any other variety. 50 days.

Early Wonder. This is the earliest and most perfectly shaped Beet for bunching purposes. Its beautiful deep blood-red, nearly globular shaped root, small-sized top and small clean tap root make it a strong asset in the Beet family. The attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a very heavy demand for this variety. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. 50 days.

Detroit Dark Red. We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. Tops small, upright in growth. Leaves dark green shaded with red. Root medium size, globular or nearly round, very smooth and of dark blood red color. Flesh is deep vermillion red, zoned with a lighter shade of the same color. Very desirable for bunching. 55 days.

Early Blood Turnip, Improved. A handsome, clean turnip shaped blood beet. Skin and flesh are of a deep blood red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. 60 days.

Long Blood Red. The old standard variety for table and cattle. It is the best drought resister of all; color deep red, flesh very sweet. Grows entirely under the ground. 60 days.

Beets for Stock Feeding

Splendid Winter Feed for Cattle, Hogs, Poultry, Sheep, etc.

1 oz. to 100 ft. row. 5 lbs. to acre

MANGEL WURZELS

Harnden's Mammoth Long Red. The roots are very large, uniformly straight and heavy cropper. It is the very best long red mangel and of the greatest value for stock feeding. 110 days.

Golden Tankard. One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow. 110 days.

Swiss Chard

Large Ribbed White. This does not make edible roots like the regular garden beets, but is grown for the broad white leaf stalks, which are bunched and cooked in the same manner as asparagus, and make a delicious summer vegetable. The young leaves may be gathered also and cooked like spinach.

**PRICES
BROCCOLI**

	Oz.	1/4 lb.	Lb.
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Italian Green Sprouting.....		.90	
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BRUSSELS SPROUTS

Long Island. Improved.....		.75	
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SWISS CHARD

Large Ribbed White.....	.15	.45	1.25
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Cabbage

$\frac{1}{4}$ oz. to 100 ft. row. 1 oz. to 5,000 plants. 2 ozs. to acre

German: KOHL

Spanish: BERZA

Italian: CAVOLO CAPPUCCIO



Copenhagen Market Cabbage

Late Flat Dutch. This variety of late cabbage is a standard in all sections for winter use. It makes a large, solid head which keeps long without bursting, and is adapted to a more varied climate than probably any other variety. 110 days.

Mammoth Rock Red. The largest and surest heading red cabbage. The plant is large, with numerous spreading leaves. The head is large, round, very solid and of very attractive deep red color. 95 days.

Drumhead Savoy. This type of cabbage is thought by many to provide a finer and more delicate flavor. The leaves are all densely crumpled. A slight touch by frost improves its flavor. The largest of the Savoy cabbages. Round heads with deep green leaves. 90 days.

Golden Acre. The Golden Acre is a variety of early round-headed cabbage, very closely resembling Copenhagen Market and we believe it the earliest cabbage in existence. It matures uniform and all heads about the same time. The heads are round and solid and when full grown measure 8 to 12 inches in diameter. The plants can be set very close, as there are only about 12 leaves and these are very short. The stalk or stem is very short. 60 days.

Copenhagen Market. Is the earliest, large, round or flat headed sort. The ripening is early and uniform, maturing at one time and almost with Early Jersey Wakefield. Considering its early season, the heads are remarkably large, averaging ten pounds in weight. One of its chief features is compactness; its leaves, which are light green, are round, dish-shaped and fold tightly together in remarkably compact and solid form; it is so solid that many more plants can be grown on an acre than is possible with

most sorts. It has few outer leaves, which permits close planting, and it grows close to the ground on a short stem. 68 days.

Marion Market New Yellow Resistant. This is a yellow-resistant strain of Copenhagen Market. Plants large, coarse, not so uniform or early by ten days as the original Copenhagen, but have solid, crisp, tender, round heads. Will produce a crop when non-resistant strains fail. 75 days.

Early Jersey Wakefield. For many years or until Copenhagen Market was introduced this was the leading early cabbage; a very satisfactory sort where an early, pointed head is desired. 62 days.

Steins Early Flat Dutch. This variety produces thick leaves, dark blue in color. Succeeds admirably in southern states on account of its ability to resist heat. It is found especially valuable to sow in cold frames in October and November to plant out in the spring as a succession to the smaller earlier pointed varieties. 75 days.

CHINESE CABBAGE

$\frac{1}{4}$ oz. to 100 ft. row

Wong Bok. Well grown heads of Wong Bok will weigh from 2 to 4 pounds and are good all the way through. Wong Bok is entirely self-folding and the heads need no tying up or blanching of any kind. Should not be sown before July 1st. 70 days.

Chihili. The taller of two popular types. Heads 18 inches to 20 inches, 4 inches to 5 inches at base tapering to tip. The outer leaves dark green, inner white, tender and sweet. 65 days.

PRICES ON CABBAGE

	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs. per lb.
Early Jersey Wakefield	\$.25	\$.65	\$2.00	\$1.90
Marion Market	.30	.75	2.50	2.40
Copenhagen Market	.30	.75	2.50	2.40
Golden Acre	.30	.85	2.75	2.65
Steins Early Flat Dutch	.25	.65	2.00	1.90
Mammoth Rock Red	.30	.75	2.50	2.40
Large Late Flat Dutch	.25	.65	2.00	1.90
Drumhead Savoy	.30	.75	2.50	2.40
Wisconsin All-Season (Yellow Resistant)	.30	.75	2.50	2.40
Wisconsin Hollander No. 8 (Yellow Resistant)	.30	.75	2.50	2.40
Chinese Cabbage, Chihili	.35	.75	2.50	2.40
Chinese Cabbage, Wong Bok	.35	.75	2.50	2.40

COLLARDS

$\frac{1}{4}$ oz. to 100 ft. row

True Georgia. This is the wide-stemmed variety, growing 2 or 3 feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Sow thickly in drills where the plants are to remain and when well started thin to 2 or 3 feet apart in the row. In the South, sow from January to May and from August to October. 80 days.

PRICES CELERY

	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs. per lb.
White Plume	\$.25	\$.65	\$2.00	
Golden Yellow Self-Blanching	.25	.85	2.75	
Giant Pascal	.25	.75	2.50	

COLLARDS

True Georgia	.10	.20	.60	.55
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Celery

$\frac{1}{4}$ oz. to 100 ft. row. 1 oz. to 15,000 plants. 4 ozs. to acre

Giant Pascal. Grows about 2 feet high; the stalks are very broad, thick and crisp, and of a rich, nutty flavor. The heart is golden yellow, very full and attractive in appearance; it bleaches very easily and quickly. 140 days.

Golden Self-Blanching (American). This is American grown seed from the dwarf French stock. Compact growth with thick, solid, heavily ribbed stalks which blanch easily to a clear waxy yellow. Crisp, solid, free from stringiness, excellent flavor, and a good yielder.

White Plume. This handsome sort is valued because naturally the stalk and portions of the inner leaves and heart are white, the whiteness does not show however, until the plants are about one-third grown; it is unsurpassed for all uses and the earliest celery in the market. 120 days.

Carrots

German: GELBE RUEBEN

Italian: CAROTA
½ oz. to 100 ft. row. 2½ lbs. to acre

Spanish: ZANAHORIA

Coreless Orange. This is a half-long, perfect carrot, blunt pointed with small tap root and small top. They run uniform in size and shape, 6 to 7 inches long by 1½ inches through, clear skinned, easily pulled, and keep well. The flesh is fine in texture, sweet and mild flavored, entirely devoid of stringiness, coarseness or wood-heart or core. Color of flesh is rich red-orange. Excels other half-long carrots in earliness without being inferior in productive ness. 70 days.

Early Half Long Nantes. A fine half-long carrot. Root 6 to 8 inches long, nearly cylindrical, blunt ended, smooth. Flesh rich orange-red, finely grained, free from the woody yellow heart or core usually found in red-fleshed carrots. One of the finest in quality and handsomest in shape and color. Excellent for home, market garden and bunching purposes. 68 days.

Chantenay. Medium early, very productive, and excellent quality. Tops medium size, neck small, roots thick, 5½ to 6 inches in length, uniformly half-long, smooth, stump rooted, tapering slightly, deep orange in color. Flesh crisp and tender. Its great productiveness and ease with which it can be harvested make it very desirable for bunching. 70 days.

Guernande or Oxheart. Stump rooted. Comparatively short roots, but often reaching a distance of several inches. Flesh bright orange, fine grain and sweet. This is a de-

sirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. 75 days.

Danver's Half Long. The best known, most popular, all purpose carrot. It is most largely grown on account of its great productiveness and adaptability to all classes of soil. Tops medium size, roots 6 to 8 inches long, tapering uniformly to a blunt point, smooth and handsome; flesh deep orange, sweet, crisp and tender. 75 days.

White Belgian. One of the best cattle feeding carrots. Smooth roots 10 to 12 inches long, with heavy shoulder. Flesh pure white. Skin white on lower root with a light green crown. 100 days.

Improved Long Orange. An excellent carrot for deep soils. Grow 10 to 12 inches long and 2 inches thick at shoulder. An enormous yielder and good keeper. 85 days.

PRICES ON CARROTS

Crop very short; prices subject to being unsold

	Oz.	¼ lb.	Lb.	5 lbs. per lb.
Danvers Half Long.....	\$.40	\$1.25	\$3.50	\$3.40
Chantenay Half Long....	.50	1.50	3.50	3.40
Guernande or Ox Heart...	.40	1.25	3.50	3.40
Coreless Orange.....	.40	1.25	4.00	3.90
White Belgian (For Stock)	.20	.50	1.50	1.40

Cauliflower

Italian: CAVOLOFIORE

German: BLUMENKOHL
¼ oz. to 100 ft. row. 1 oz. to 5,000 plants. 4 ozs. to acre

Spanish: COLIFLOR



Super Early Snowball. Unquestionably the earliest maturing strain of the true short leaved, Snowball type of cauliflower. It is admirably adapted for forcing or wintering over for early crop and is the most popular sort for these purposes, also one of the best sorts for late summer and fall crop. Early Snowball is, moreover, a most desirable sort for the home garden. The plants are compact, with few short, outside leaves and are well suited for close planting. The heads are of medium to large size, solid, compact, round, very white and curd-like, and are developed earlier than those of any other sort. 65 days.

CHIVES

½ oz. to 100 ft. row

Chives (Schnittlauch). The chives are small members of the onion tribe, leaves very slender and appear very early in spring; can be shorn several times during the season and used for flavoring soups and salads.

CRESS

¼ oz. to 100 ft. row

True Water. This is quite a distinct variety of cress. A small growth may be obtained when planted in soil and kept moist, but thrives best when its roots and stems are submerged in water. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. 50 days.

Curled or Pepper Grass. This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills 16 inches apart. 40 days.

CORN SALAD

FETTICUS OR LAMB'S LETTUCE
2 ozs. to 100 ft. row. 10 lbs. to acre

PRICES

CAULIFLOWER

¼ oz.	½ oz.	Oz.
\$1.35	\$2.50	\$4.50

CHIVES

½ oz.	Oz.	¼ lb.	Lb.
\$.75	\$1.25		

CORN SALAD

Oz.	¼ lb.	Lb.
\$.15	\$.40	\$1.10

CRESS

True Water .....	.95
Curled or Pepper Grass.....	.15

Sweet Corn

$\frac{1}{2}$ lb. to 100 hills row. 12 lbs. to acre

German: ZUCKERMAIS

Italian: MAIZ, GRANONE dolce

Spanish: MAIZ

SECOND EARLY KINDS—(White)

Early Evergreen. The ears of this fine corn are 10 inches long, being mostly 14 to 18 rows; a magnificent kind for market gardeners and for second early crop in the home garden. It ripens 10 days in advance of Stowell's Evergreen but ears are not quite as large, and remains green a long time. Two plantings will extend until frost, but the ears are not quite as large at Stowell's. 95 days.

LATER KINDS—(White)

Stowell's Evergreen. This is the corn with the long, deep kernels; the kind you enjoy eating. This variety is the most widely known and best advertised of all late sweet corns, and therefore there is more Stowell's Evergreen planted for late crop than all other late varieties together. The large ears of 18 to 20 rows of long, deep, juicy, tender kernels makes it such a favorite. It produces an abundant amount of fodder. 105 days.

Country Gentleman. The ears are somewhat smaller and less showy than the coarser varieties, but for private family use, where quality is preferred to size, it is excelled

only by the Golden Bantam. The cob is very small, giving great depth to the kernels. The great merit of "Country Gentleman" is its fine quality. 110 days.

**SEE PAGES
50, 53 AND 54
FOR SPRAYERS
and
SPRAYING MATERIALS**

Golden or Yellow Kinds

Early Golden Bantam. It is a hardy, early maturing variety of dwarf growth, and can therefore be planted closer than other sorts and through a longer range of season. The cob is small, but fills out nicely with large, deep cream-colored kernels, which turn to a beautiful golden yellow when entirely ripe. Because of its extreme hardness and ability to withstand unfavorable weather can be planted earlier than any other true sweet corn, consequently produces the earlier supply of ears in high altitudes and short seasons where other kinds would not mature on account of cold nights and early frosts. 83 days.

Golden Sunshine. A comparatively new early yellow sweet corn of very good quality. Three to 4 days earlier than our Golden Bantam; the plant is also taller and more vigorous, and the ears, 10 and 12 rowed, are considerably larger. A popular variety for market gardeners and a good home garden corn. 80 days.

Whipple's Early Yellow. Grain medium length and golden yellow in color. Height of stalk 6 to 6½ feet. Ears medium in length and thickness, averaging 6 to 7 inches, and long pointed. Rows mostly 10 to 14. 82 days.

Bantam Evergreen. A corn of Golden Bantam quality of the right size. A product of Golden Bantam crossed with Stowell's Evergreen. It is 12 to 14 rowed, ears 8 inches long and matures same season as Howling Mob. Has the quality of Bantam, the more tender skin of Evergreen. Market gardeners are at last able to sell a merchantable sized ear of corn superior in quality to any on the market. 86 days.

BLACK OR BLUE CORN

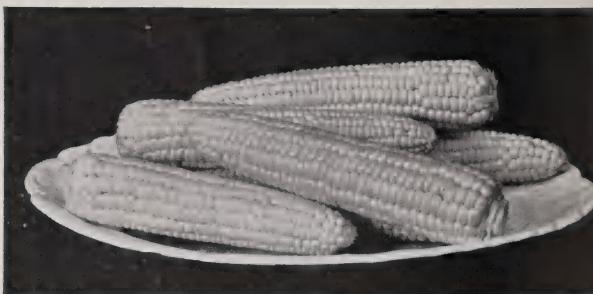
Black Mexican. Although the ripe grains are bluish-black, they are remarkably white when in roasting ear state. In tenderness and fine quality, none can surpass it. For family use we recommend it highly to follow the first early varieties. 90 days.

FERTILIZERS AND PLANT FOODS

See Page 56

HYBRID SWEET CORN

Golden Cross Bantam. Grains medium length and golden in color. A well-known inbred hybrid produced by crossing Purdue Bantam No. 39 with Purdue No. 51. Height of stalk 5½ to 6 feet. Ears medium length and thickness, average length 7 to 8 inches, short pointed. Rows mostly 10 to 12. An excellent hybrid in uniformity, quality, high yield and resistant to Stewarts Wilt Disease. 86 days.



GOLDEN CROSS BANTAM

PRICES ON SWEET CORN

	Lb.	10 lbs. per lb.	100 lbs.
Golden Sunshine	\$.18	\$.15	\$13.00
Stowell's Evergreen .....	.18	.15	13.00
Early Evergreen .....	.18	.15	13.00
Country Gentleman .....	.19	.16	14.00
Golden Bantam .....	.18	.15	13.00
Black Mexican .....	.20	.17	15.00
Bantam Evergreen .....	.18	.15	13.00
Whipple's Early Yellow.....	.20	.17	15.00
Golden Cross Bantam .....	.25	.22	20.00
25 lbs. at 100-lb. price			



Cucumbers

1 oz. to 100 hills row. 2 lbs. to the acre

German: GURKE

Italian: CETRIOLO

Early Fortune. Early Fortune is a fine long distance shipping cucumber. Unsurpassed as a pickle variety. It is an ideal slicer. Retains its dark green color longer than any other strain of White Spine. The ends taper and the skin is smooth. The vines make a strong and vigorous growth, producing abundant crops of cucumbers, which are slightly longer than Arlington White Spine, more cylindrical in shape and have a very dark green skin. The flesh is thick, seed cavity relatively small and the quality is excellent. 66 days.

Longfellow. A magnificent, extra long Cucumber. Many consider it the finest of the large slicing varieties. Its intense dark green color, length, uniform and balanced shapes makes it one of the leading and most satisfactory sorts, both for out-of-doors or planting under glass. The fruits grow 12 to 16 inches long, almost spineless with small seed cavity. 60 days.

Straight Eight. Straight symmetrical fruits 8 inches in length and about 2 inches in diameter. The long, dark green fruits are well rounded at the ends and show no objectionable striping at the tips. A heavy cropper and ideal shipper.

Black Diamond. The greenest and earliest of the Long White Spine Varieties. Hardy, large fruited, excellent shape, and is uniform from end to end. Of extended or long drawn out period of picking and of very favorable reputation among Market Gardeners. Always to be picked out in a competitive trial as one of the best. Used most extensively in Florida to ship North. 65 days.

Improved Long Green. The standard cucumber for either slicing or pickling, the Long Green enjoys about twice the wide use of any other. It is extremely prolific, medium late and for hardiness and disease resistance is among the best varieties. The ends taper somewhat and it is slightly warted. For general use for all purposes there is no superior to Long Green. The small pickles are well shaped, while in the slicing stage the fruits are very attractive. 72 days.

Davis Perfect. For years controlled by the originator, who states that he experienced several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture. They grow long and slim, sometimes measure 12 inches in length; color is a rich, dark, glossy green, which they hold until nearly ripe. Very tender; brittle and fine flavor. 68 days.

Evergreen White Spine. Beautiful in shape and color. Fruit is long and cylindrical, dark green; flesh is white, crisp and tender and of the finest quality. 66 days.

Japanese Climbing. Vines are of healthy, vigorous growth, with rich dark green foliage, and throws out strong, grasping tendrils, which enable it to climb trellis, wire netting, brush or any other suitable support. Of large size, cylindrical shape; flesh pure white; skin dark green. 75 days.

Boston Pickling Cucumber. This pickling cucumber is one of the old standards that has been in use for many years and is being used by many of the factories. The fruit can be used for any kind of pickles from the Gherkins to the Dill. For home use this is the favorite on account of its being so prolific. 60 days.

Early Cluster. The vines are hardy and very vigorous, bearing fruits in clusters of two and three. The fruits are short, thick, bright green, shading lighter at blossom end, crisp and tender. This sort is extensively used as a pickling cucumber as well as for slicing. 56 days.

West India Gherkin. It is the smallest variety of Cucumber on the market and is in considerable demand for small pickles. The fruits will average from two to two and one-half inches in length and should be picked when young and tender. 50 days.

Endive

1 oz. to 100 ft. row. 4½ lbs. to acre

German: ENDIVEN

Spanish: ENDIVIA

Italian: ENDIVIA

Green Curled. Very hardy, with dark green curled leaves; tender and crisp. 30 days. Oz., 10c; ¼ lb., 30c; lb., 75c.

Broad Leaved Batavian. Large heads of broad, thick leaves; if bleached, the inner leaves make a fine salad. 30 days. Oz., 10c; ¼ lb., 30c; lb., 75c.

PRICES ON CUCUMBERS

	Oz.	¼ lb.	Lb.	5 lbs. per lb.
Improved Long Green....	\$.20	\$.50	\$1.50	\$1.40
Boston Pickling .....	.15	.40	1.25	1.15
Early Cluster .....	.15	.40	1.25	1.15
Japanese Climbing .....	.20	.50	1.50	1.40
West India Gherkin .....	.20	.50	1.50	1.40
Davis Perfect .....	.20	.50	1.50	1.40
Evergreen White Spine...	.15	.40	1.25	1.15
Early Fortune .....	.20	.50	1.50	1.15
Black Diamond .....	.20	.50	1.50	1.40
Straight Eight .....	.20	.50	1.50	1.40
Snow's Perfection Pickling	.15	.40	1.25	1.15
Longfellow .....	.20	.50	1.50	1.40

Kohl-rabi

½ oz. to 100 ft. row. 4 lbs. to acre

German: KOHLRABI

Spanish: COL de NABO

Italian: CAVOLO RAPA

Early White Vienna. Extremely early with distinctly small tops. Bulbs of medium size, very light green or nearly white, and of the best quality if used when not more than 2 inches in diameter. 60 days. Oz., 35c; ¼ lb., 95c; lb., \$3.00.

Egg Plant

1 oz. to 3,000 plants. 4 ozs. to acre

German: EIERPFLANZE

Italian: PETRONCIANO

Spanish: BERENGENA

Black Beauty. The earliest and best of all large-fruited Egg Plants. It is valuable alike to the private planter and to the extensive grower for market. Black Beauty produces fruits fully as large as and ready for use ten days to two weeks earlier than the New York Improved. The plants branch freely near the ground, and grow in well-rounded bushes. The grand large fruits are thick, of most attractive form. The skin is a rich, lustrous purplish black; the satin gloss and rich coloring add greatly to the beauty. 125 days.

Leek

1/3 oz. to 100 ft. row

German: LAUCH

Spanish: PUERRO

Italian: PORRO

American Broad Leaf. This variety is more largely used in this country than any other plant; strong, with broad leaves. 85 days.

Lettuce

1/4 oz. to 100 ft. row. 3 lbs. to acre

German: LATTICH KOPFSALAT

Italian: LATTUGA

Spanish: LECHUGA

CURLED OR LOOSE LEAVED VARIETIES

Early Curled Simpson. Leaves light green, slightly frilled, crisp, sweet and tender. This sort is especially adapted for sowing thickly and cutting when plants are young. 40 days.

Black Seeded Simpson. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered; the inner ones nicely blanched, and even the large outside leaves are tender and of good quality. 42 days.

Early Prize Head. A large, clustering, non-heading lettuce, most excellent for the home garden and undoubtedly the most easily grown variety in cultivation. It is too tender, however, to stand shipping or handling on the market. Leaves are finely curled and crumpled, bright green tinged with brownish red; very crisp, tender and sweet. 40 days.

Grand Rapids. The most popular variety for greenhouse planting. It will make a quick growth even under adverse conditions. It is of handsome appearance, a strong grower and not subject to rot. When exposed for sale it keeps from wilting longer than other varieties. Its upright habit of growth permits close planting. 40 days.

HEADING VARIETIES

Improved New York Wonderful. This very large heading lettuce is desirable not only as a garden variety for summer use, but is much used for fall and winter sorts grown in greenhouses. The plant is large, compact, and tight heading. Outer leaves attractive, deep green, broad frilled at edges. The inner leaves form a large head, sweet and tender when in condition for use. 60 days.

1 oz. to 3,000 plants. 4 ozs. to acre

Italian: PETRONCIANO

Spanish: BERENGENA

Kale

1/2 oz. to 100 ft. row. 3 lbs. to acre

German: KRAUSKOHL

Italian: CAVOLO VERDE

Spanish: BRETON

Dwarf Green Curled. Finely curled; even more tender after being touched by frost. 60 days.

PRICES				
EGG PLANT				
	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Black Beauty	\$.35	\$.90	\$3.00	\$2.90
KALE OR BORECOLE				
Dwarf Green Curled.....	\$.25	\$.85	\$2.50	\$2.40
LEEK				
American Broad-Leaf		\$.85		

LETTUCE—(Heading Varieties)

Big Boston Improved. Popular for outdoor culture, also much in demand as a compact, large heading, forcing sort. Plant large, very hardy, and vigorous. Leaves broad, comparatively smooth, but wavy at edge, thin, very hard and crisp; color bright light green, the head slightly tinged with reddish brown. Grown extensively in the South for shipment North in the winter. It usually heads up under cold weather conditions better than any other variety. 50 days.

Cos, or Romaine Lettuce. The Cos Lettuce is distinct from the following sorts, having long, narrow, spoon-shaped leaves, which usually fold into loose sugar loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. On account of their exceeding crispness, tenderness and delicate flavor, they are becoming more and more popular in this country. Leaves yellowish white in color, narrow, upright, folding into a solid head; self-blanching. 70 days.

Improved Iceberg. It is a strictly cabbage variety; crisp rather than buttery; large and late. Head is globular, extremely hard and well blanched. Leaves are slightly blistered, crumpled and twisted. Color light green except faint brown borders. Very good quality. 82 days.

Hanson. One of the most desirable later summer lettuces. The plant is compact and forms a large, cabbage-like head which remains in condition longer than most heading sorts. Outer leaves bright yellowish-green, broad, somewhat crumpled and frilled at edge and with distinctive midrib. Inner leaves white, very crisp and sweet. 82 days.

PRICES ON LETTUCE

LETTUCE (Heading Varieties)

	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Iceberg	\$.10	\$.30	\$.85	\$.75
Cos Lettuce .....	.10	.30	.85	.75
Hanson .....	.10	.30	.85	.75
Big Boston .....	.10	.30	.85	.75
New York .....	.15	.40	1.25	1.15
(Curled or Loose Leaf Varieties)				
Grand Rapids .....	.10	.30	.85	.75
Early Curled Simpson ...	.10	.30	.75	.70
Black Seeded Simpson ...	.10	.30	.75	.70
Early Prize Head .....	.10	.30	.75	.70

Muskmelons and Cantaloupes

1 oz. to 100 hills. 2 lbs. to acre

German: MELONE

Italian: MELONE, POPONE

Spanish: MELON, MUSCATEL

Cantaloupes

(Small to Medium Size)

Hale's Best (Jumbo or Original). This cantaloupe, while of recent introduction, has become extremely popular. This popularity is due to three reasons: 1st, earliness, it is 10 days earlier than any other cantaloupe; 2d, large size, being larger than any of the Rocky Ford varieties; 3d, flavor, which is excellent, being equal to the best cantaloupes. The fruits are large, round and somewhat ribbed. Flesh is salmon colored, fine grained, a good keeper and shipper. It is a very valuable melon. 86 days.

Hale's Best No. 36. 87 days. A selection from the original strain to a slightly smaller and more uniform type. One of the best varieties for long distance shipping. Fruits run very uniform with little or no ribbing. Heavy netting. Seed cavity small. Flesh firm, sweet, and spicy. Ideal for home and market garden.

Hale's Best No. 45 (Mildew Resistant). 90 days. Newest development in powdery mildew resistant melons released by the U. S. D. A. season of 1936. Excellent shipping type, slightly elongated, completely covered by good, firm net. Flesh salmon, thick, firm, dry. Best quality of any shipping melon.

Hale's Best No. 936. 88 days. The latest development in the Hale's Best class. A shipping melon, nearly round, with a solid high net, and very uniform in size and shape. Sizes slightly larger than Hale's Best No. 36, and melons have a heavier net. Seed cavity small and well filled. Flesh salmon orange, firm, sweet, and spicy.

Hearts of Gold. The vines are vigorous, blight resisting and very productive. The fruit varies slightly in shape, averaging nearly round. The netting is very close and fine over the entire surface. Rind, although thin, is very firm, hence is one of the best shipping melons. Flesh salmon, very thick, highly colored and of fine texture. Delicious flavor. 100 days.

Sugar Rock or Honey Rock. A new variety which is extremely productive, beautiful in appearance and a fine shipper. Medium early. Practically round, 5x5½ in., weighing 2½ to 3 lbs. Heavily netted with no sign of ribs. Deliciously sweet. 90 days.

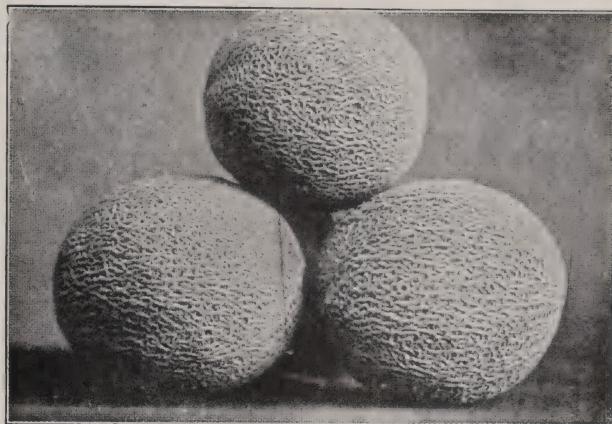
Improved Rocky Ford. Oblong, somewhat similar to the Netted Gem. Grow very uniform in shape and size, weighing from 1½ to 2 pounds; skin green and thickly netted; flesh of a light green color and very sweet. The most popular shipping variety grown. 95 days.

Burrell's Gem. Six to seven inches in length and 4 to 4½ in diameter. Well ribbed and covered with a fine grayish netting. Skin a rich dark green with deep orange salmon colored flesh of the finest flavor, sweet and tender. 95 days.

PRESERVING MELONS

Garden Lemon. Excellent for preserving, has a delicious flavor.

Vine Peach. Very similar to Garden Lemon, used for preserving.



HALE'S BEST

Muskmelons

(Large Size)

Banana. Attains a length of from 18 to 40 inches; from 2 to 4 inches thick. Flesh very thick, of salmon color. It looks almost like an overgrown banana, and smells like one, hence its name. Has a peculiar flavor, differing from ordinary muskmelons, and by some is considered superior. 100 days.

Honey Dew. Best known in California and Colorado, where it thrives best. Often weighs 6 pounds, skin very nearly white and smooth, flesh thick, light emerald green, round to oval, as sweet as honey. When ripe, creamy yellow. Very late habit, long keeping if pulled before ripe. Very popular in the late autumn in restaurants and hotels. 100 days.

PRICES ON MUSKMELONS

	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Burrell's Gem	\$.15	\$.35	\$1.00	\$.90
Rocky Ford .....	.15	.35	1.00	.90
Banana .....	.15	.35	1.00	.90
Hale's Best No. 45 (Mildew Resistant) .....	.15	.40	1.25	1.15
Hale's Best .....	.15	.35	1.00	.90
Hale's Best—No. 36 .....	.15	.40	1.25	1.15
Hale's Best—No. 936 .....	.15	.50	1.50	1.40
Honey Dew Melon .....	.15	.40	1.25	1.15
Hearts of Gold.....	.15	.35	1.00	.90
Honey Rock .....	.15	.35	1.00	.90
Garden Lemon .....	.15	.40	1.25	
Vegetable Melon (Vine Peach) .....	.15	.40	1.25	

Watermelons

German: WASSERMELONE Spanish: ZANDIA Italian: MELONE d'AQUA
4 ozs. to 100 hills. 4 lbs. to acre

Early Kansas. Sometimes called Hutchinson Stripe or Red Russian.

Is an early melon, oval or round in shape. Distinctly striped; rich red flesh, unexcelled in sweetness, with tan colored seeds. Will average in weight around 25 to 30 lbs. and is a big producer. 80 days.

Dixie Queen. Large, nearly round, with small white seed; often weighs as much as 60 lbs. Skin is striped dark green and greenish ivory; flesh is bright red, solid and of fine flavor. Rind thin, but strong. Uniform in shape, size, and color. Although a large melon, the quality is of the best. Equally as good for the home garden, market or shipping.

Tom Watson. The fruit is very large, many melons weighing 50 to 60 pounds and measuring 18 to 24 inches in length. Its rind is very thin, but exceedingly tough and on this account it is one of the very best shipping varieties. The skin is a dark mottled green, while the flesh is a brilliant scarlet, and the heart is very large with a small seed area. 90 days.

Will Rogers. A large, round oval melon. Rind dark green, flesh bright red, excellent quality. Seeds white tipped with black. A new variety that appears to have merit. 90 days.

Citron, Preserving, Green Seeded. Small, ball-shaped, highly striped with light and dark green. Flesh green, with green seeds. 95 days.

Stone Mountain. A new round variety which is becoming wonderfully popular wherever it is planted. It is light green in color, beautiful deep crimson flesh without any white hearts or stringiness and the quality is unexcelled. The average fruit weighs about 40 pounds. It has a medium thick rind, but will not stand extreme long distance shipping. 95 days.

Kleckley's Sweets, Improved. A large melon with tough rind, dark bluish-green skin and delicious sweet flesh. Oblong in shape, 22 in. long and 12 in. in diameter; weight 30 to 40 lbs. Flesh bright scarlet, with no stringiness. White seeds. 85 days.



DIXIE QUEEN

Kleckley's Sweet No. 6 (Wilt-Resistant). A fusarium wilt resistant variety of high quality developed by Dr. J. J. Wilcox of the Iowa Experiment Station. Large cylindrical fruits, dark bluish green, with bright red, tender sweet flesh. Seed creamy with brown traces. 90 days.

Georgia Rattlesnake. One of the oldest and most popular sorts, and frequently known as Gypsy. A large oblong variety with decided stripes of light and deep green. Rind is tough, but the flesh is of good quality and bright red; a good shipping and market melon. 90 days.

PRICES ON WATERMELONS

	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Will Rogers	\$.15	.35	\$1.00	\$.90
Tom Watson .....	.15	.30	.75	.70
Kleckley's Sweet (Impr.) .....	.15	.30	.75	.70
Early Kansas .....	.15	.30	.85	.80
Stone Mountain .....	.15	.25	.75	.70
Dixie Queen .....	.15	.30	.85	.80
Georgia Rattlesnake .....	.15	.25	.75	.70
Kleckley's Sweet No. 6....	.15	.35	1.00	.90
Citron (Green Seeded)....	.15	.30	.85	.80

Onions

Crop very short; supply limited; prices subject to change

1/3 oz. to 100 ft. row. 4 to 5 lbs. to acre

German: ZWIEBEL Italian: CIPOLLO Spanish: CEBOLLA

Yellow Globe Danvers. One of the most extensively used main crop yellow onions. Bulbs of medium to large size, uniformly globe-shaped, with small neck, and ripen very evenly. Skin rich coppery yellow; flesh creamy white, crisp, and of mild and excellent flavor. Keeps well; excellent for shipping. 110 days.

Southport Red Globe. Trials continue to prove that this variety also is one of the best keepers. The globes are medium to large in size and medium early. A smooth deep purplish-red skin covers the paler flesh which is mild, fine grained, and tender. This onion is excellent for home gardens. 125 days.

White Sweet Spanish. A true "Riverside" Sweet Spanish, identical with the original Sweet Spanish in every way except color, which is pure white. Large size, mild flavor, solid and crisp, and, last of all, a beautiful pure white. 100 days.

Yellow Sweet Spanish. The color is a light straw, somewhat like the true Denia. It is a rapid grower and if you plant the seed in hot beds and then transplant them you will get a larger onion. This seed should not be planted

too close, two to two and a half pounds to the acre should be right. The size should average about four inches in diameter, some of course being much larger, as you note by the picture. 100 days.

Southport White-Globe. Abundant yield and large size are valuable characteristics of this medium early onion. Its whiteness, firmness, and mild flavor are also splendid qualities, especially for cooking. By years of careful selection we have developed a strain that is unsurpassed in uniformity and attractiveness of shape and color. 110 days.

PRICES ON ONIONS

	Oz.	1/4 lb.	Lb.
Southport Red Globe	\$.40	\$1.00	\$3.50
Southport White Globe....	.50	1.50	5.00
Yellow Globe Danvers....	.50	1.50	5.00
White Sweet Spanish....	.50	1.50	5.00
Red Weathersfield .....	.40	1.00	3.50

Mustard

$\frac{1}{2}$ oz. to 100 ft. row. 5 lbs. to acre

German: SENF Italian: MORTARDA Spanish: MASTAZA

Southern Giant Curled. The leaves are large, colored light green, with a yellow tinge, and are crumpled at the edges. The plant is upright or slightly spreading in growth, and is very hardy, and of good quality. 35 days.

White English. Leaves comparatively small and smooth, deeply cut or divided and of medium dark color. Plant upright; of rapid growth. 35 days.

Brown or Black. The common small seeded variety; more pungent than the White. 35 days.

Mustard Spinach. Often called Tendergreen. Can be sown nearly every month in the year in the South. Easy to grow and ready for market in 25 to 30 days. Requires 3 to 5 pounds to the acre and planted in rows 2 to 3 feet apart. Withstands the extreme summer heat and is resistant to cold weather. Leaves are large, oblong and dark green in color with small center rib. Cooked same as spinach, turnip or mustard greens. 30 days.

Parsnips

$\frac{1}{4}$ oz. to 100 ft. row. 3 lbs. to acre

German: PASTINAKE Italian: PASTINACA Spanish: PASTINACA

Sugar or Hollow Crown. This is the best variety, and the only sort that should be planted in this territory. Not so long as the Long Smooth and easier taken from the ground. The flesh is fine grained and of excellent quality. 80 days.

Okra or Gumbo

1 oz. to 100 ft. row. 8 lbs. to acre

German: OKRA Italian: OCRA Spanish: QUIMBOMBO

Dwarf Green. Plants of dwarf, stocky growth, wonderfully prolific and mature pods ready for use ten days to two

Pumpkins

$\frac{1}{4}$ lb. to 100 hills. 3 to 4 lbs. to acre

German: KURBIS Italian: ZUCCA Spanish: CALABAZA



SMALL SUGAR

Connecticut Field. Fine, large, orange colored variety, used for field culture and stock feeding. Skin smooth and ribbed; flesh brittle. 120 days.

weeks earlier than the tall varieties; pods 3 to 4 inches in length and heavily ridged. 75 days.

Perkin's Mammoth Long Pod. A new okra, esteemed by canners and market gardeners. It is a great improvement on the old green podded sorts. Large, handsome green pods; fine quality; very productive; 4 to 5 feet tall. 80 days.

Parsley

$\frac{1}{2}$ oz. to 100 ft. row. 3 lbs. to acre

German: PETERSILLE Italian: PREZZEMOLO Spanish: PEREJILL

Champion Moss Curled. This is a vigorous, compact growing variety, excellent for garnishing and flavoring, and a handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Owing to its uniformity, fine, deep green color and very attractive foliage, this is one of the most popular sorts for both the market and home gardener. 60 days.

<u>PRICES</u>					
<u>MUSTARD</u>					
Oz.	$\frac{1}{4}$ lb.	Lb.		5 lbs.	
\$.10	\$.25	\$.60	\$.55		
Brown or Black .....	.10	.25	.60	.55	
White .....	.10	.20	.50	.45	
Mustard Spinach (Komatsuna) .....	.15	.30	.75	.70	
<u>OKRA OR GUMBO</u>					
Perkin's Mammoth Long					
Pod	\$.10	\$.20	\$.45	\$.40	
Dwarf Green .....	.10	.20	.45	.40	
<u>PARSLEY</u>					
Champion Moss Curled... \$.15					
	\$.30	\$.85	\$.80		
<u>PARNSNIP</u>					
Hollow Crown	\$.15	\$.40	\$ 1.25	\$ 1.15	

King of Mammoth. The best large pumpkin in use, forming immense muskmelon shaped pumpkin, often $2\frac{1}{2}$ to 3 feet in diameter; salmon colored; flesh bright yellow. 120 days.

Small Sugar. A small round variety; flesh thick, rich yellow, and sweet, skin a deep orange. This is the best variety for cooking and pies. 120 days.

White Cushaw. A popular crooknecked variety with hard, creamy-white shell; fruits two feet in length, with long, solid, meaty neck of fine quality. 120 days.

Stripped Cushaw. Very large with solid crooked neck. Very delicious for table when cooked and served like sweet potatoes. Flesh light yellow, very thick and sweet. 120 days.

Large Cheese or Kentucky Field. A popular variety in the South. Fruit flattened; skin mottled light green and yellow; flesh tender; excellent quality. 120 days.

PRICES ON PUMPKIN

	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs. per lb.
King of the Mammoth ...	\$.10	\$.30	\$.85	\$.80
Small Sugar .....	.10	.20	.65	.60
Connecticut Field .....	.10	.20	.50	.45
Large Cheese or Kentucky Field .....	.10	.20	.45	.40
Cushaw (Striped) .....	.10	.25	.75	.70
Cushaw (White) .....	.10	.25	.75	.70

Garden Peas

1 lb. to 100 ft. row. 60 lbs. to acre

German: ERBSEN

Italian: PISELLO

Spanish: GULSANTE



HUNDREDFOLD

Little Gem. Valuable home garden variety. Vines 18 inches tall, medium green. Pods medium green, $2\frac{3}{4}$ inches long, $\frac{1}{2}$ inch thick; plump, straight, blunt ended. Seeds medium sized; green; wrinkled; interior green. 60 days.

Nott's Excelsior. An improvement on the American Wonder. Vines nearly identical. One of the best early dwarf, wrinkled sorts, vines about 12 inches high, producing a good crop of well-filled pods about $2\frac{3}{4}$ inches long, containing 5 to 8 very sweet peas. 75 days.

LATER VARIETIES

White Marrowfat. The vines of this variety are about 5 feet high and of strong growth. The pods are large, cylindrical, rough, light colored and well filled; seed large, smooth, round and light yellow. The variety is excellent for summer. 80 days.

Telephone. The vigorous vines with large light green leaves are 4 to $4\frac{1}{2}$ feet tall. They are heavily loaded with very large well formed pods, often 5 to $5\frac{1}{2}$ inches long. These are light yellowish-green and normally contain 8 to 10 very large peas of delicate light green color and unexcelled quality. 70 days.

Everbearing. Grows from $1\frac{1}{2}$ to 2 feet high, of branching habit, pods from 3 to 4 inches long, containing 6 to 8 of the very largest peas, of particularly rich flavor. Unsurpassed in quality and very productive, continuing a long time in bearing. 85 days.

FIRST EARLY VARIETIES

Earliest of All or Alaska. Vines medium height, about $2\frac{1}{2}$ to 3 feet and of distinctive light color. Pods of good size, about $2\frac{1}{2}$ to $2\frac{3}{4}$ inches long filled with light green peas of good flavor. Seed small, smooth and bluish green in color. Matures all the crop at once and is an invaluable variety for market gardeners and canners. 55 days.

Early Bird—One of the earliest large podded types. Desirable as a market garden variety. Plants are dwarf, 18 in., stems thick and strong, and the color is light green. Pods long, 4 to $4\frac{1}{2}$ inches, medium dark green, slightly curved and pointed. Peas are large and average 9 to 10 per pod. 56 days.

SECOND EARLY VARIETIES

Little Marvel. As the main crop in any home garden, this is the most desirable dwarf variety. It is only 4 or 5 days later than the earliest garden pea. The dark green vines, 18 to 20 inches tall, grow vigorously and are laden with pods 3 inches long, blunt ended, and packed with peas of medium size. These are temptingly dark green, and very tender and sweet. Seeds are squarish, wrinkled, and green in color. 65 days.

Hundredfold. An early, dwarf, large podded variety. Bears an enormous crop of handsome, dark green, fairly broad and pointed pods 4 in. long, containing about 8 large, dark green peas of excellent quality. Vines 18 in. tall. Pods 4 in. long, $\frac{3}{4}$ in. wide, borne singly. Excellent for market garden and shipping. 60 days.

Laxtonian. A little earlier than other dwarf large-podded peas, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. It is especially recommended for home garden use. The seeds are large, wrinkled; green and cream in color. 65 days.

American Wonder. Very important early dwarf variety for the home garden. Vines 12 to 14 inches high; dark green; very productive. Pods medium green; 3 inches long, $\frac{1}{2}$ inch wide, plump, straight, blunt ended; seeds medium small, squarish, wrinkled; green; interior green. 60 days.

Thomas Laxton. Closely resembles the Gradus in habit and rapidity of growth. It is one of the finest early large podded peas, in earliness within a day or two of the earliest of all, containing 7 or 8 very large peas of the richest flavor. Height, 3 to $3\frac{1}{2}$ feet, and one of the finest ever introduced. 60 days.

EDIBLE POD VARIETIES

Dwarf Grey Sugar. This is one of the best known edible pod varieties for the home garden. Large broad pods, 4 to $4\frac{1}{2}$ inches long, are often curved or twisted and when young are stringless, very tender, and richly flavored. The vines, 4 to 5 feet tall, produce an abundance of pods. 75 days.

PRICES ON PEAS

	Lb.	10 lbs. per lb.	100 lbs.
Alaska	\$.16	\$.14	\$13.00
Early Bird . . . . .	.20	.18	17.00
American Wonder . . . . .	.19	.17	16.00
Nott's Excelsior . . . . .	.19	.17	16.00
Thomas Laxton . . . . .	.20	.18	17.00
Little Gem . . . . .	.19	.17	16.00
Little Marvel . . . . .	.20	.18	17.00
Hundredfold . . . . .	.20	.18	17.00
Laxtonian . . . . .	.20	.18	17.00
Dwarf Grey Sugar . . . . .	.20	.18	17.00

PEAS (For General Planting)

Telephone, tall	\$.19	.17	\$16.00
Large White Marrowfat, tall . . . . .	.18	.16	15.00
Everbearing . . . . .	.19	.17	16.00

Peppers

$\frac{1}{8}$ oz. to 100 ft. row. 1 oz. to 1,500 plants. 2 lbs. to acre
 German: PFEFFER Italian: PEPPERONE Spanish: PIIMENTO

"SWEET" VARIETIES

California Wonder. In size these superb peppers average 4 inches in length and $3\frac{1}{2}$ inches in diameter, with a very slight taper, making them almost square. The weight is approximately 9 ozs., which is considerably heavier than any other pepper of the same size. This additional weight is due to the thick walls which are very meaty, being $\frac{1}{4}$ to $\frac{3}{8}$ inches in thickness. Because of the shape they pack well for shipping and being solid will not wilt in transit. The rich, deep green skin is smooth and glossy. 115 days.

Worldbeater. A large-sized scarlet Pepper as early as

Ruby King but larger and broader at the blossom end. The thick flesh makes it a fine shipper. It is quite mild in flavor and the plants are very prolific and give heavy yields of attractive Peppers. 110 days.

Ruby King. A very satisfactory pepper for the home garden and used to some extent by market gardeners. It bears in profusion, handsome fruit, 4 to 5 inches in length and about 3 inches in diameter. Fruits are a rich dark green while young, turning ruby red when ripe and the flesh is thick and meaty. 110 days.

Chinese Giant. The plants are vigorous in growth, but of stalky habit, are seldom more than 2 feet in height producing 4 to 6 peppers of enormous size, thick meaty and very mild. Although not as early as the Ruby King, it matures in ample time for the heavy demand of the shippers. 130 days.

Large Bell or Bull Nose. This earliest pepper of the "bell" type is a combination of both Hot and Sweet; the ribs are quite pungent while the rest of the fruit is mild. The medium sized square fruits are deep green when immature and scarlet when ripe. 120 days.

Pimiento. The fruits of this variety are exceptionally smooth and glossy, of good size, medium length and attractive color. The flesh is very thick and solid, mild and very fine flavor. Desirable for salads and stuffed peppers. The plants are vigorous and upright, about 2 feet high, with short, broad, dark green leaves. The fruits are deep green when young, becoming deep red when they mature. 100 days.

"HOT" VARIETIES

Long Red Cayenne. A well known variety, having a slender, twisted and pointed pod about 4 inches long, bright red in color; extremely strong. 90 days.

Hungarian Yellow Wax. (Hot.) Very early. Very desirable for home, market garden and canning. Plants small; heavily productive. Fruits 6—7 in. long, 2 in. thick, tapered; smooth; waxy light yellow, becoming bright red; flesh thick and pungent. 60 days.



CALIFORNIA WONDER

Small Red Cayenne. A small slim hot pepper about $2\frac{1}{2}$ to 3 inches long. Bright red color. 85 days.

Tobasco. The plants develop into large bushes, bearing profusely the little bright peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely hot and fiery in flavor. 90 days.

PRICES ON PEPPER

	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs. per lb.
Chinese Giant	\$.35	\$.75	\$2.50	\$2.25
Improved Bull Nose or Sweet Mountain .....	.30	.70	2.25	2.00
Long Red Cayenne .....	.35	1.00	3.50	3.25
Small Red Cayenne .....	.35	1.00	3.75	3.50
Tobasco .....	.45	1.25	4.25	4.00
Pimiento .....	.30	.85	3.00	2.75
World-Beater .....	.30	.75	2.50	2.25
Hungarian Yellow Wax..	.40	1.25	4.00	3.75
California Wonder .....	.30	.85	3.00	2.75
Ruby King .....	.35	.75	2.50	2.25

Rhubarb

1 oz. to 150 ft. row
 German: RHABARBER Italian: RABARBARO
 Spanish: RUIBARBO

RHUBARB OR PIE PLANT

Victoria Giant. This is a very large and late variety, with round stalks of great length and thickness; produces a succession of stalks the whole season; held in high esteem by market gardeners. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Spinach

$\frac{1}{2}$ oz. to 100 ft. row. 8 lbs. to acre
 German: SPINAT Italian: SPINACE Spanish: ESPINACA

Bloomsdale Reselected. A distinct improvement over the

old standard Bloomsdale Savoy, in that it is larger and of a darker color. The leaves are of heavy texture, very thick, dark green and crumpled. A perfectly hardy variety which may be used for early spring sowing or for planting in the fall to winter over. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 85c; 10 lbs., \$8.00.

New Zealand. The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. Started early in the spring, the plants will resist heat and make a strong growth during the summer. Pick off leaves from stem, cooking them only, and you have delicious greens all summer long. 60 days. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 10 lbs., \$9.00.

Radishes

2/3 oz. to 100 ft. row. 12 lbs. to acre
 German: RETTIG RADIES Italian: RAVENELLI
 Spanish: RABANOS

ROUND VARIETIES

Vick's Scarlet Globe. Roots of this variety are crisp and tender, slightly oval, of a first-class brilliant scarlet color, excellent for early forcing or for outdoor or kitchen garden planting. Most highly recommended and the most popular sort grown today. Our stock of this variety cannot be surpassed by any Scarlet Globe on the market, no matter what its name may be. Tops short, about 4 to 5 inches. 23 days.

Scarlet Turnip. Standard early sort for forcing and out of door culture. Tops small. Roots deep turnip-shaped, almost round; with fine tap root; ideal for use when 1 in. diameter, scarlet-red; mild. 25 days.

Scarlet Turnip, White Tipped. One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It will give entire satisfaction where extreme earliness and small tops are not the chief consideration. Roots nearly round, slightly flattened on the under side, color very deep scarlet with a distinctly white tip. 25 days.

Crimson Giant. A nearly globe-shaped Radish, very large, and remaining in good condition a remarkably long time for a mid-season variety. Skin is fine crimson, and flesh pure white and of excellent quality. It matures very quickly and is tender and crisp. A fine sort for open-ground successive sowing. 25 days.

French Breakfast. Standard home and market garden sort; also suitable for forcing. Tops small. Roots oblong, blunt, with slender well defined tap root; about 1 1/2 in. long and 5/8 in. through; rich scarlet with white bottom; flesh white, crisp and of splendid quality. 25 days.

LONG VARIETIES

Icicle. The earliest and finest long white radish. The young radishes are ready for use even earlier than the long Scarlet, and continue to grow for a long time fully retaining their tenderness and mild flavor until quite large. 35 days.

White Strasburg. A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. 40 days.

Long Scarlet, Short Top, Improved. This is a standard, most excellent sort, either for the home garden or the market. Tops short and comparatively small. Roots smooth, slender, uniform in shape and very attractive bright red in color. 35 days.

Tobacco

1 oz. to 5,000 plants

White Burley. This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers.

Missouri Broad Leaf. Extensively grown in Kansas and Missouri; the large broad leaves are used for the wrappers.

Turnips

1/2 oz. to 100 ft. row. 3 lbs. to acre
 German: WEISSE RUEBEN Italian: NAVONE, RAPA
 Spanish: NABO

Purple Top White Globe. Table size, 55 days; full size, 70 days. The standard home, market garden, and shipping sort for table use; it is also good for field culture. Tops medium large, compact, strap leaved. Roots globular, smooth; bright purplish-red above, white below; become 5 to 6 inches in diameter; flesh white, firm; fine grained. 55 days.

Purple Top, Strap Leaved. Very important home and market garden turnip. Tops small, erect, compact. Roots flat, becoming 5 inches in diameter and half as thick; purplish-red above and white below; flesh clear white, fine grained, mild. 45 days.



CRIMSON GIANT

TURNIPS—Continued

Seven Top, or Forester (Winter Green). Used extensively in the South for winter greens; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter. 45 days.

RUTABAGAS OR SWEDES

Purple Top Yellow. Leading yellow variety; very productive, solid and excellent flavor; the roots grow to a large size, and are of the finest quality; unsurpassed for stock feeding. 90 days.

PRICES ON RADISHES

	Oz.	1/4 lb.	Lb.	5 lbs. per lb.
Scarlet Turnip White Tipped	\$.10	\$.20	\$.60	\$.55
French Breakfast .....	.10	.20	.60	.55
Vick's Scarlet Globe .....	.10	.20	.60	.55
Crimson Giant Turnip .....	.10	.20	.60	.55
Scarlet Turnip .....	.10	.20	.60	.55
Long Scarlet, Short Top, Improved .....	.10	.20	.60	.55
Icicle .....	.10	.20	.60	.55
White Strasburg .....	.10	.20	.60	.55

PRICES ON TURNIPS

	1/4 lb.	Lb.	10 lbs. per lb.
Purple Top White Globe.....	\$.15	\$.30	\$.25
Purple Top Strap Leaf .....	.15	.30	.25
Seven-Top, or Forrester.....	.20	.50	.45

PRICES ON TOBACCO

	Oz.	1/4 lb.	Lb.
White Burley	\$.35	\$ 1.00	\$ 3.50
Missouri Broad Leaf .....	.35	1.00	3.50

PRICE ON RUTABAGA

	1/4 lb.	Lb.	5 lbs. per lb.
Purple Top Yellow	\$.25	\$.85	\$.80

Squash

4 oz. to 100 hills. 4 lbs. to acre

German: KURBIS Italian: ZUCCA Spanish: CALABAZA

SUMMER VARIETIES

Early White Bush Scallop. Patty Pan or Cymbling is the common name of this well-known variety. The plant is bushy and bears creamy white patty shaped fruits, scalloped on the edges. The flesh is milk-white, firm, smooth, and richly flavored. This is the most popular of white summer squashes for home garden use. 50 days.

Mammoth White Bush. An improved selection of "Early White Bush," much larger and deeper, has fewer scallops, and is a heavier producer. 60 days.

Giant Summer Straightneck. The straight shape of this squash makes it superior to the old crookneck from which it was selected. However, it has kept the warty creamy-gold skin, the large size, the fine quality, and the earliness of the parent squash. The plants are bushy in type, vigorous growing and productive. 60 days.

Giant Summer Crookneck. An improvement over the Summer Crookneck. The squashes grow to a large size, measuring from 18 inches to 2 feet in length. Deep orange skin and salmon-orange flesh. A productive tasty summer squash. Its growth and habits resemble the common crookneck variety, but the fruits have a different shaped neck; instead of being long, narrow and crooked, it is somewhat shorter, thicker and straighter, making it more desirable for packing and not so liable to break off. 60 days.

Carawozze (Italian Long Green Goo-Gootz) Squash. Grows about three feet in length and about three inches in diameter. Pale green in color. Used by Italians for slicing and frying like egg-plant or baking stuffed with meats. 65 days.

WINTER VARIETIES

Table Queen or Acorn. Because of convenience for baking and serving in halves, this little squash has gained great popularity. It weighs only about $1\frac{1}{2}$ pounds and is acorn-shaped deeply furrowed, and dark green on the outside. The flesh is rich yellow, somewhat coarse grained, dry and mealy, and of delicious flavor. 100 days.

Banana Squash. This is a rather odd squash but a great favorite wherever grown. The squash grows $1\frac{1}{2}$ to $2\frac{1}{2}$ feet long and about 9 inches in diameter. The skin is light olive color; flesh beautiful orange and it is recognized as the sweetest squash that grows. When matured it will keep longer than the Hubbard. 115 days.

WINTER VARIETIES—(Continued)

Warty Hubbard. This is the best and most popular strain of the winter squash. When thoroughly ripe its tough, warted shell is as hard as a rock, and the meat is a rich golden-orange color, possessing the highest flavor, only to be compared with that of a sweet potato. Many prefer a good ripe Hubbard Squash baked well done in a hot oven to baked sweet potatoes. Chicago Warty Hubbard, if allowed to ripen, will keep in good condition, and one may have this delicious vegetable all winter. They are easy to grow, and pay you well for the time and trouble. 95 days.



WARTY HUBBARD

PRICES ON SQUASH

Summer Varieties

	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs. per lb.
Early White Bush Scalloped	\$.10	\$.30	\$.90	\$.85
Giant Summer Crook Neck .....	.10	.30	.90	.85
Carawozze, Italian Goo-Gootz .....	.10	.35	1.00	.90
Giant Summer Straight Neck .....	.10	.30	.90	.85
Mammoth White Bush....	.10	.30	.90	.85

Winter Varieties

	Oz.	$\frac{1}{4}$ lb.	Lb.	5 lbs. per lb.
Warty Hubbard	\$.15	\$.35	\$ 1.00	\$.95
Banana .....	.15	.35	1.00	.95
Table Queen or Acorn....	.15	.35	1.00	.95

Herbs

Herb Seeds Are Imported and Stocks Are Very Low and Are Subject to Being Unsold.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Anise (Annual). Cultivated for its seeds and its leaves, which have a fragrant, agreeable scent, and a pleasant taste	\$.35	\$.85	\$ 2.50
Caraway (Kuemmel). The seeds are useful for flavoring.....	.35	.95	2.75
Catnip or Catmint. Grown for bee pasture. The leaves and young shoots are used for seasoning	1.00		
Chervil (Annual). Used for soups and salads			Sold Out
Chives	1.50		
Coriander (Annual). Its tender leaves are sometimes used for soups and salads .....	.25	.65	1.75
Dill (Annual). Cultivated for its seeds, which are used medicinally and for flavoring pickles .....	.15	.50	1.50
Lavender (Perennial). Cultivated for its fragrant flowers and aromatic leaves	1.50		
Rosemary. The leaves are used for seasoning	1.50		

	Oz.	$\frac{1}{4}$ lb.	Lb.
Rue. For medicinal purposes; good for fowls, for the roup.....			Sold Out
Spearmint. For mint sauce and juleps.			3.50
Sage (Perennial). Tea made from these leaves is an excellent means of producing sweat			Sold Out
Summer Savory. The leaves and young shoots are used for flavoring.....			1.25
Sweet Basil (Annual). The leaves are used for highly seasoned dishes as well as in soups, stews, and sauce. ....			.60
Sweet Fennel (Perennial). Tea made from the seed is an excellent remedy in case of colic and stomach complaints .....			.20
Sweet Marjoram (Biennial). The leaves are used in soups, the seeds in the manufacture of sausage, and aromatic of sweet flavor.....			Sold Out
Sweet Thyme (Perennial). Thyme tea is an excellent remedy for nervous headaches			Sold Out

Tomatoes

1 oz. to 2,500 plants. 2 ozs. to acre

German: LIEBESAFFEL

Italian: POMO d' ORO

Spanish: TOMATES

BEST NEW JERSEY GROWN SEED—EARLY AND LATE—EVERY TYPE AND SIZE

PLANTS

Defense Gardens will demand the
following plants

CELERY
CABBAGE
CAULIFLOWER
EGG PLANT
PEPPER
TOMATO

EARLY VARIETIES

Bonnie Best (Certified). A beautiful second early large red tomato. The Bonnie Best is a vigorous grower, quite prolific with abundant foliage which protects the fruit from the hot sun. Color is a bright scarlet. The tomatoes are very uniform in size and perfect in shape. The smoothness and color make them very attractive and therefore they sell readily on the market. The Bonnie Best is splendid for home gardens. 73 days.

Break O'Day. Outstanding for its early maturity and productivity. Fruits are almost round, solid, heavy, with small seed cavities and a bright orange-scarlet skin. The vine growth is moderate. Was originated by the Department of Agriculture from a cross made between Mar-globe and Marvana. It is a very popular early Tomato. 75 days.

Chalk's Early Jewel. Within a week or ten days as early as the famous Spark's Earliana, it is even a heavier cropper with tomatoes of larger size and sweeter flavor, while its more robust growth makes it a surer cropper. Color brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor. 75 days.

Early Detroit. A second early, medium sized smooth, handsome, globe-shaped pink fruited variety. Yields heavier and earlier than Beauty, which it closely resembles. Considered a better main crop tomato than Beauty, being more prolific, thicker, and a better shipper. 78 days.

John Baer. The largest fruited smoothest, finest in quality of the extra early tomatoes. Vines short, vigorous and enormously productive; they ripen a much larger crop in the early part of the fruiting season than any other extra early variety. Fruits globular, unusually uniform and smooth. Free of wrinkled, cracked fruits. The color is a beautiful bright scarlet. 73 days.

EARLY VARIETIES (Continued)

Pritchard, or Scarlet Topper. Extra-early, large, smooth Tomato of an intense scarlet color and of a solidity that is truly remarkable; very small seed pockets and no core. Its productiveness, particularly on rich soil, is amazing, and individual plants will bear 70 to 80 fruits each. The vines are short-jointed, of low growth, and bear vigorous foliage. 75 days.

Redhead. An early deep red variety of good size and shape. It is very meaty and nearly free from cracks. Fruit is very smooth and runs quite uniform in size; very productive. 75 days.

Sparks Earliana. This tomato has become very popular with many growers of tomatoes for early market; it is a very excellent variety, good color; twice as many plants can be grown on an acre of this variety than any other variety grown. 66 days.

Stokesdale (Certified). Of Marglobe shape and color, but 1 to 2 ounces heavier, and maturing 7 to 10 days earlier, at same time as Bonny Best. Quite free from stem-end crack. Ripens from the inside out, like Rutgers. The yield is remarkably heavy. A quick-maturing variety that will ripen in a short season. 75 days.

DWARF VARIETIES

Dwarf Ponderosa. Dwarf plant and giant fruit. The fruit has the mild sweet flavor of Ponderosa, is also very large and meaty, with very little core. It is deep purplish-crimson in color and belongs to the later-fruiting types. 110 days.

Dwarf Stone. Is large dwarf tomato and resembles Dwarf Champion in habit, but is of stronger growth and more erect. The fruit is red, in shape and size similar to Tall Stone. The season is nearly as early as Dwarf Champion, but the fruits are twice the size of that sort. 110 days.

SMALL-FRUITED VARIETIES

Yellow Pear. A pear-shaped variety, used for preserving. Vines are very heavy yielders. 75 days.

Yellow Plum. Fruits plum-shaped, of clear, deep yellow color; flesh yellow and finely flavored. Much esteemed for preserves. 75 days.

Red Cherry. Fruits small, round; rich deep red. 75 days.

PRICES ON TOMATOES

	Oz.	1/4 lb.	Lb.
Bonney Best. Certified	\$.35	\$.90	\$3.00
Break O'Day. Certified . . . . .	.40	1.20	3.75
Chalk's Early Jewel . . . . .	.35	.90	3.00
Early Detroit . . . . .	.40	1.25	3.75
John Baer . . . . .	.35	.90	3.00
Pritchard . . . . .	.35	.90	3.00
Red Head . . . . .	.30	.70	2.15
Sparks Earliana . . . . .	.35	.90	3.25
Stokesdale. Certified . . . . .	.35	1.00	3.50
Dwarf Varieties			
Improved Dwarf Stone . . . . .	.40	1.25	3.75
Dwarf Ponderosa . . . . .	.45	1.45	4.75
Small Fruited Varieties			
Red Cherry . . . . .	.50	1.65	5.50
Yellow Pear . . . . .	.50	1.65	5.50
Yellow Plum . . . . .	.50	1.65	5.50

TOMATOES CONTINUED ON NEXT PAGE

Tomatoes—Continued



MARGLOBE TOMATO

MAIN CROP VARIETIES

Bo-Kay. We are sincere in our belief that this tomato is an outstanding main crop variety. It is wilt-resistant, and trials show it to be almost free from check or cracks. It is a very heavy cropper, and is large and smooth with dark red color inside and out. Its strong, heavy foliage makes it a valuable variety for planting on light soil. Also good for greenhouse forcing and staked or field growing. 78 days.

Crimson Cushion, or Beefsteak. Fruit large; color bright scarlet; flesh solid and of good quality; cells small and few in number; very productive; fruit finely formed and of handsome appearance. 88 days.

Grothen's Globe. A new early maturing wilt resistant variety which is becoming popular in some sections for shipping. Similar to Break O'Day, but the fruits are of deeper scarlet and are free from objectionable yellow about the stem end. 78 days.

Greater Baltimore. A red fruited, medium large, solid tomato somewhat more desirable than the Stone in that it is a little earlier and more productive. Plants are strong, continuous croppers, bearing until killed by frost. No ridges or cracks, making it an ideal canner. 80 days.

Golden Ponderosa. This is yellow Ponderosa equal in size to that magnificent variety. Sliced and served with the Purple Ponderosa, it makes a highly decorative and appetizing salad. 85 days.

Marglobe "Wilt Resistant" (Certified). It is practically immune to Nail Head Rust and Fusarium Wilt. It is a hybrid from Marvel and Globe, of pure scarlet globe shaped type, having the fine characteristics of the Globe but more vigorous; a heavier producer and somewhat earlier—an exceptionally fine tomato, especially recommended for shipping. 78 days.

New Stone. Large, smooth tomato; color bright scarlet; ripens evenly on the stem; solid; an excellent shipper; very productive; fine for canning. 85 days.

Ox Heart. In form it is distinct, since it is almost exactly the shape of a heart as the name implies, and single fruits sometimes weigh more than two pounds. This sur-

prising weight is due to exceptional size and solidity. When sliced, it does not show the large seed compartments of other tomatoes, but looks more like tender steak. This firm red flesh is non-acid, but instead of being flat-tasting it has a pleasing flavor. 90 days.

Ponderosa. This is one of the largest varieties. Although somewhat irregular in shape it is good, both as a slicing tomato and for stewing. The fruits are of a purplish pink color; very solid and ripens early, continuing to do so until frost. 85 days.

Rutgers (Certified). Has thick outer and inner walls of solid meat, and therefore very small seed cavities and little seed. It is globe shaped, scarlet-red color, resembling Marglobe. Ripens first in the center of the fruit, so that when red on the outside the Tomatoes are ripe all through. Rutgers is in great demand for all purposes. 75 days.

BEST GREENHOUSE TOMATO

Michigan State Forcing (Wilt Resisting). Recently developed at Michigan State College especially for Greenhouse Growers. High productivity under restricted daylight conditions. Attractive, medium size fruits of rich, deep scarlet and free from blemishes. Are borne in clusters of five to eleven. Flesh thick and firm. We believe this is one of the best forcing tomatoes yet introduced. 75 to 78 days.

PRICES ON TOMATOES

	Oz.	1/4 lb.	Lb.
Bo-Kay	\$1.00	\$3.00	\$10.00
Crimson Cushion or Beefsteak .....	.35	.90	3.00
Grothen's Globe .....	.35	.90	3.00
Greater Baltimore .....	.30	.75	2.50
Golden Ponderosa .....	.50	1.65	5.50
Marglobe Certified Stock .....	.35	.90	3.00
Michigan State Forcing 1/2 oz., 45c .....	.75	2.25	8.00
New Stone, Improved .....	.30	.75	2.25
Ox Heart .....	.65	2.15	7.50
Ponderosa .....	.45	1.45	4.50
Rutgers .....	.35	.90	3.25

GREENHOUSE AND GARDEN SUPPLIES

TROWELS.—Common, each, 20c; medium weight, 35c; all steel with solid shank, 95c each; 3 for \$2.75.



WEEDER AND MULCHER (24-Inch Handle)



Tempered steel, 3 prongs; 24-inch handle; 90c; 3 for \$2.55.

EUREKA WEEDER AND MULCHER.—The best little hand weeder that we know of for loosening soil around plants. Thin forged steel finger. 6-inch handle. Each, 65c; 3 for \$1.80.



JACKSON HOE.—A small hand weeder, triangular shape. Each, 65c; 3 for \$1.80.



TREE SCRAPER

For scraping a band around trees in preparation for applying tree tanglefoot.

Each, 95c; 3 for \$2.70.

NURSERYMAN'S SPADE

(Sharpshooter)



14 in. narrow blade spade used by nurserymen and gardeners. Each, \$1.95; 3 for \$5.70.

SOD LIFTER ("True Temper")



Solid forged steel blade of fine quality. 18-inch shank, 32-inch handle; blade 4 3/4 inches by 9 inches. No. 1—Each, \$2.35; 3 for \$6.90.

GRASS EDGER.—4-ft. handle, steel blade. Each, \$1.15; 3 for \$3.30.



LAWN EDGER (Planet Jr., No. 2)



Also for edging flower beds and borders. Cutting disc of tempered steel and well sharpened. Each, \$2.00.

BRUME RAKE ("True Temper")



No. FBR. Flat flexible spring steel teeth. 22 teeth, 19 in. wide, 3 1/2 ft. handle. Each, \$1.15; 3 for \$3.30.

LAWN AND WATER GRASS RAKES (New Style)



No. LDR.—15 in. width, 5 1/2 ft. handle. Each, \$1.20; 3 for \$3.45.

HANDY SEEDER

Will sow seeds up to sweet pea size. Scatter seeds evenly and individually to prevent crowding of seedlings. Each, 80c; 3 for \$2.25.



SEED SOWER ("Cyclone")

Sow all varieties of farm seeds such as clover, alfalfa, oats, rye, wheat, lawn grass, etc., and can be regulated any amount per acre. The bag holds about 1/2 bushel of seed. It is easily operated. Wt. 4 lbs. Price each, \$2.00.



PRUNING SHEARS AND KNIVES

WISS SHEARS

WISS PRUNING SHEARS



No. 309V

No. 68—8 inch malleable handles, pressure spring, steel blades, each \$1.00.

No. 309V—For cutting power, mechanical perfection, and ease of operation, the No. 309V pattern is unequalled in the medium priced pruners. Extra thin hammer forged blades with wide bevel. All parts replaceable. Length 9 in. Each, \$2.95.

No. 109V—Marvelous pruners with remarkable strength. Will outlast a dozen ordinary pruners. Have replaceable hardened cutlery steel blades. Length 9 in. Each, \$3.95.

WISS HYPOWER PRUNER



No. 908

Hy-Power Pruners for heavy duty. The easiest cutting pruner of its size. Oversized hardened steel bolt and nut gives longer wearing qualities. Light in weight, with a comfortable non-pinchng grip and convenient thumb lock, it is much less tiring to use. Nickel finish with bronze anvil and phosphor bronze spring. Each, \$2.25.

WISS LOPPING SHEARS



No. 20X26B—Professional lopping shears for vine pruning. Designed and approved by leading experts. Forged from tempered alloy steel to withstand severe use. Selected ash handles. Welded steel ferrules. Each, \$2.75.

FLORIST SNIP



7½ in. over all and made of best steel. Will cut wire or stems. Excellent for all around work.

Each \$1.75

NEW SHOCK-PROOF STEEL HANDLE WISS HEDGE SHEARS



RUBBER SHOCK ABSORBER

Rubber Bumper Prevents Arm Shocks

The rubber shock-absorber arrangement, which is a new Wiss development, prevents that nerve-jarring shock on the arms which is so tiring. The improved longer handle grips are designed for users who prefer to hold the shears nearer the blades while cutting. They are beautifully balanced and cut easily—with serrated cutlery steel blade to prevent twigs slipping. 8 inch, each, \$3.25; 9 inch, each \$3.50.

PRUNING KNIFE



R-708

ROSEWOOD HANDLE; Steel Lining and Bolsters; Glazed Blades.

Length, closed, 3½ inches.
Weight, per dozen, 2¼ lbs.
Each, \$1.35; 3 for \$3.90.

BUDDING KNIVES



R-449

Pyremite Handle; Brass Lining; N. S. Trim; Glazed Blades. Length, closed 3¾ inches. Weight, per dozen 1¼ lbs. Each, \$1.50; 3 for \$4.20.

GRAFTING KNIVES



R-1005W

Pyremite Handle; One Blade, Large Sheepfoot, Blue Glazed and Etched, Polished Steel Bolster, Rivets and Lining. Length, closed, 3¾ inches. Weight, per dozen, 1½ lbs. Each, 75c; 3 for \$2.10.

GREENHOUSE AND GARDEN SUPPLIES

LABELS (Pot and Tree)

Five Per Cent Discount on 5,000 Lots
Pot Labels



	Plain		Painted	
	Per 100	Per 1000	Per 100	Per 1000
4-inch, 1,000 in box...	.20	\$1.60	.25	\$2.00
5-inch, 1,000 in box...	.25	1.80	.30	2.20
6-inch, 1,000 in box...	.30	2.00	.35	2.50
8-inch, 500 in box...	.35	2.50	.40	3.00
10-inch, 500 in box...	.40	3.00	.45	4.00
12-inch, 500 in box...	.50	4.00	.60	5.00

GARDEN LABELS

8 and 10 inch packed 250 in box, 12 inch 100 in box

	Plain		Painted	
	Per 100	Per 1000	Per 100	Per 1000
8-inch— $\frac{7}{8}$ in. wide...	.55	\$4.50	.70	\$5.50
10-inch— $\frac{7}{8}$ in. wide...	.70	5.50	.80	6.50
12-inch— $1\frac{1}{8}$ in. wide...	.90	8.00	1.15	10.00



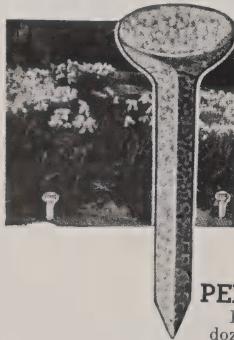
WOOD LABELS (Copper Wired)

1000 in a Box,
 $\frac{5}{8}$ in. wide— $3\frac{1}{2}$ in. long.

Plain—Per 100, 30c; per 1,000, \$2.00; 5,000, \$1.90 per 1,000.
Painted—Per 100, 35c; per 1,000, \$2.50; 5,000, \$2.40 per 1,000.
Plain (Iron Wired) Per 100, 30c; per 1,000, \$2.00; 5,000, \$1.90 per 1,000.

COPPER WIRED LABELS

No. 2720— $\frac{5}{8}$ in. by $3\frac{3}{4}$ in. A permanent copper label with a copper wire, will last indefinitely. Packed 100 in a box. Per box, \$1.35; 3 for \$3.90.



GARDEN MARKER

Nine-inch plant labels with three-by-one inch space for plant name at the top. Metal ink or waterproof pencil may be used. The finest label on the market. Made of heavy galvanized iron.

	Doz.	100
9 in.	\$.60	\$3.75
Metal Ink, bottle.....	30c	
3 for	85c	

PENCILS (Weather-Proof)

For marking labels. Each, 10c;
dozen, 90c.

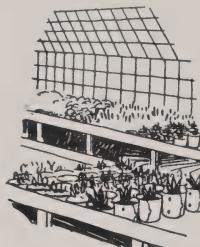
ELECTRIC PENCIL

Burns letters into wood labels. Easy as writing with a pencil. Will NOT rub off, wash off, or fade out. Complete with 5-ft. cord and plug, \$1.35



NEPONSET PAPER POTS

RED POTS



A waterproof pot that can be used for growing plants, especially in greenhouses where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

	Per 100	Per 1000	Packed for Shipment in cases	Wt. per case
2 inch.....	\$.50	\$ 3.90	1,000 Pots,	10 lbs.
2 $\frac{1}{4}$ inch.....	.50	4.00	1,000 Pots,	12 lbs.
2 $\frac{1}{2}$ inch.....	.55	4.25	1,000 Pots,	16 lbs.
3 inch.....	.60	5.15	1,000 Pots,	25 lbs.
4 inch.....	.95	8.25	500 Pots,	23 lbs.
5 inch.....	1.30	11.50	500 Pots,	37 lbs.
6 inch.....	1.70	15.50	500 Pots,	51 lbs.

FLOWER TUBS ("Richmond Style")



These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge of 35c per pair.

	Inside Top Diameter	Depth	Price, Each	Per Doz.
No. 1.....	6 in.	6 in.	\$.65	\$ 7.20
No. 3.....	8 in.	8 in.	.75	8.40
No. 5.....	10 in.	9 in.	.95	10.80
No. 7.....	12 in.	11 in.	1.40	16.20
No. 9.....	14 in.	13 in.	2.10	24.00
No. 11.....	16 in.	15 in.	2.50	28.80
No. 13.....	18 in.	17 in.	3.60	42.00



CHINESE TUBS

Made very sturdy and strong. One size only. Top diameter 12 in. inside. Depth, 10 in. Each, 95c; Dozen, \$10.80.

SOIL THERMOMETER



No. 5891—16 in. Soil Thermometer, hard wood frame, oxidized brass scale, mercolor filled tubes, graduated approximately from 20 to 180° F., with improved mercury filled strong metal turned point, making good contact with soil and thermometer bulb. Standard quality. Each, \$3.25.

PRUNING SAWS

No. 4—Diston, Duplex Pruner—Double Edge. 18-inch.
Each, \$1.85; 3 for \$5.25.

No. 55—Pole—Diston Tree Pruner

12-inch blade. Complete as above. Each, \$3.50; 3 for \$10.20.
Blades—Separate. Each, \$1.50.

No. 32—Diston Pruning Saw

20-inch blade. One inch at point and five inches at butt.
Hardwood handle. Each, \$3.00; 3 for \$8.60.

GRASS SHEARS (Wiss No. 801)

No. 801—Each, 90c; 3 for \$2.55.

GRASS SHEARS (Wiss No. 5600R)

Each, \$1.60; 3 for \$4.65.

TREE PRUNERS

Very popular tree pruner operated by a lever connected to the blade by a very strong wire. Easily cuts 1-inch branches. A practical, serviceable pruner made from strictly high quality material throughout. Following sizes are carried in stock: 8 feet long, complete, each \$1.85. 10 feet long, complete, each \$2.00. 12 feet long, complete, each \$2.25.

GLAZING TOOLS, MATERIALS**PEERLESS GLAZING POINTS**

"PEERLESS" GLAZING POINT.
(Improved Van Reyer.)



on top and will hug close to glass when driven. Two sizes: No. 2, for medium double thick glass; No. 2½ for large double thick and skylight glass. Price per 1,000, 65c; 5,000, \$3.00; 10,000, \$5.50.

GLAZING POINTS, ZINC CITY

These Points can be driven right or left on any size or thickness of glass. The offset head makes them easy to drive or extract, and absolutely prevents glass from slipping. Made from pure zinc. Put up in one-pound packages, $\frac{3}{4}$ -inch, 1300 to lb., $\frac{7}{8}$ -inch, 1200 to lb. lb., 50c; 5 lbs., \$2.25; 20 lbs., 40c per lb.

PUTTY BULB

A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each \$1.50. If by mail (weight under 1 lb.)

Peerless Glass Repair Clamp for Greenhouse Roof

Simple device for repairing broken greenhouse glass. Easily adjusted from inside of house—saves labor, coal and glass. If applied as soon as crack is noticed, the pane is strong as before and will not sag or drop out. Price, per box of 100 Clamps....\$1.35

**STEELCOTE
GREENHOUSE PUTTY**

Color—Gray. Gun Grade

Is waterproof, will not shrink or crawl. Resists extreme temperatures and moisture, adheres instantly to glass, metal or wood. A full stream from a glazing gun will cover about 350 lineal feet per gallon. Packed in the following size cans and drums.

	Per Gal.
1 gal. can	\$2.20
5 gal. pail	2.10
20 gal. drum	2.05
35 gal. drum	2.00
60 gal. drum	1.95

GLASS CLOTH

Ideal for hotbeds. Much cheaper than glass. Admits violet rays. Plants grow harder and transplant better. Comes in 25 yd., and 50 yd. rolls, 36 in. wide.

Per yard	\$.25
25 yard roll.....	Per yard, .24
50 yard roll.....	Per yard, .23

**GLAZING GUN**

For Steelcote Glazing Compound.
Quick and easy to operate.
Each \$4.75



SPRAYERS

Standard Liquid and Powder Sprayers

AUTO SPRAY No. 4

Pump Tank Sprayer—"Open-Hed"

TANKS: Heavy galvanized steel or copper—brass alloy. Top opening 5 inches diameter.

SHUT-OFF VALVE: All brass.

HOSE: $\frac{3}{8}$ -inch, 5-ply Spray Hose, 20 inches.

EXTENSION: Seamless brass, 24 inches.

NOZZLE: Screen, non-clog swivel.

No. 3—3-gallon capacity—

Galvanized Steel Each \$6.50

Copper-Brass Each 9.25

No. 4—4-gallon capacity—

Galvanized Steel Each \$7.50

Copper-Brass Each 12.50



INSECT-O-GUN

Water Pressure Does the Rest



The "Insect-O-Gun" gets BOTH its water and power supply from your garden hose. You place the concentrated insecticide in the jar, attach the hose to the gun handle, and turn on the water at the tap. Then you pull the trigger and the "Insect-O-Gun" throws out a powerful, wide-angle fan spray. Holding the convenient pistol grip, you play the spray over a wide area from one position.

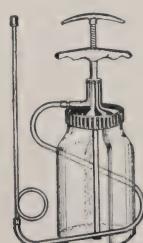
Universal Gun—2-gallon capacity Each \$4.45



For Orchards, Citrus Groves, Etc.: Substitute parts for converting to Heavy Duty Model. Total cost of conversion, only \$1.00!

TREE IRRIGATOR

For watering the roots and developing and guarding the life of trees, shrubs and plants. In two minutes time the tree or shrub receives directly at their roots more water than could be secured by two hours of surface soaking. Each, \$2.00; 3 for \$5.70.



PUMP-A-SPRAYER

This sprayer fits on to any 1 or 2 quart mason jar. Is made for spraying tender and smaller plants. Also handy for spraying cut flowers being packed in boxes. Each, \$2.35; 3 for \$6.75.

We carry at all times washers and extra parts for Auto Sprayers which are listed above.

PARAGON SPRAYER

The Sprayer for Florists

Standard Equipment

1 Brass Straight Spray Nozzle

1 Brass Mist Spray Nozzle

10 Feet Special Spray Hose

$7\frac{1}{2}$ Ft. Spray Pipe in 3 Sections

1 Steel Spray Nozzle for White-wash.

Capacity, 12 gallons—Shipping weight 60 pounds. Width of truck 15 inches.

No. 3 Sprayer without truck Each \$21.95

No. 3 Sprayer with truck Each 25.95

No. 3 Sprayer with truck and air pressure gauge. Ea. 28.60

Freight Prepaid

SHADING SYRINGE—No. 11

Combination Syringe and Spray—all brass. Includes one stream and two sprays. No. 11, 18 inches, Each \$8.85.

DUST SPRAYERS

FEENY MODEL D 2-Qt. DUSTER

It is 50 inches long, enabling the operator to dust the undersides of the lowest-growing plants without stooping. Each, \$2.75; 3 for \$7.95.

D & B CRANK DUSTER

No. 100—5 lb. capacity. Each \$10.25

No. 200—10 lb. capacity. Each 11.85

GREENHOUSE AND GARDEN SUPPLIES

CANE PLANT STAKES

Light, strong cane stakes for supporting flower and vegetable plants. Run from $1\frac{1}{2}$ to 6 feet in length. Can be cut in half and used for gladiolus and smaller plants. Green Dyed, $1\frac{1}{2}$ -foot, 2,000 to a bale. Per bale, \$4.60; per 100, 50c; per 1,000, \$3.50. Green Dyed, 2-foot, 2,000 to a bale. Per bale, \$6.00; per 100, 60c; per 1,000, \$3.95. Green Dyed, 3-foot, 2,000 to a bale. Per bale, \$10.50; per 100, 70c; per 1,000, \$6.25. Green Dyed, 4-foot, 2,000 to a bale. Per bale, \$14.00; per 100, 90c; per 1,000, \$8.00. Natural, 6-foot, 2,000 to a bale. Per bale, \$23.95; per 100, \$1.40; per 1,000, \$13.25.

GARDEN STAKES (Cypress)

Dense Virgin Cypress stakes will last from year to year for supporting dahlias and heavy plants.

	Per Doz.	Per 100
$\frac{3}{4} \times \frac{3}{4}$ in. x 3 ft.....	\$.55	\$ 4.50
1 x 1 in. x 3 ft.....	.65	4.95
1 x 1 in. x 4 ft.....	.85	6.00
1 x 1 in. x 5 ft.....	1.00	7.00
1 x 1 in. x 6 ft.....	1.15	7.50

ARROW WIRE PLANT STAKES

Arrow Wire Stakes are made with a patented support on the end going into the ground for holding the stake in place. Also a loop on the top end for holding to plant. They are made in three sizes:

	Per Doz.	Per 100
No. 1122L—20 in. long, $2\frac{1}{4}$ in. loop.....	\$.70	\$ 5.50
No. 1134L—30 in. long, 3 in. loop.....	.85	6.50
No. 1136E—25 in. long, $\frac{5}{8}$ in. loop.....	.70	5.50

"TWIST-EMS" (The New Handy Plant-Tie)



A green plant tie, made of waterproof paper with a wire run through the center, is $\frac{1}{4}$ in. wide and comes in 4 in. and 8 in. lengths. Is pliable, quick and easy to twist around the plant. Holds fast and at the same time does not cut.

4 inch	Per 1,000	8 inch	Per 1,000
1,000 lots.....	\$.70	1,000 lots.....	\$1.25
5,000 lots.....	.60	5,000 lots.....	1.10
25,000 lots.....	.55	25,000 lots.....	1.00
100,000 lots.....	.50	100,000 lots.....	.95

Packed 5,000 to Package

COTTON TWINE

4 Ply—5 lb. Package..... Each \$2.75

JUTE TWINE

2 Ply— $\frac{1}{2}$ lb. Balls. Per lb..... \$.40
50 lb. Bale (many ends) Per lb..... .30

RAFFIA

In its natural color it is a light straw. The natural Raffia is used for tying up plants in field or greenhouse. 1 lb., 75c; 10 lb. lots, per lb., 73c; 25 lb. lots, per lb., 70c; 100 lb. lots, per lb., 65c.

GRAFTING WAX



Per $\frac{1}{4}$ -lb. bar, 20c; $\frac{1}{2}$ -lb. bar, 30c; 1 lb., 50c; 5-lb. pkg., \$2.40.

NURSERYMAN'S TAPE (Medicated)

For Budding, Grafting and Tree Surgery. Each roll contains 60 yards. Packed in individual boxes. $\frac{1}{2}$ -inch width, per roll, \$1.00.

DURATEX WATERPROOF TREE WRAP



Protect the trunks of newly planted or transplanted fruit and shade trees against frosts, sun scald, borer attack and rodents. Easily applied, Duratex adjust itself smoothly to the contour of tree trunks and expands to accommodate yearly growth. To economically and completely protect tender tree trunks wrap with Duratex from crown to ground.

Price per Roll (4 in. Width, 8 in. Diameter)

Rolls contain 155 lineal feet and weigh about $2\frac{1}{2}$ lbs.	
1 to 9 Rolls.....	\$.65
10 to 24 Rolls.....	.60
25 to 49 Rolls.....	.55

FLORIST'S MOSS

Sphagnum Moss

Bright, Clean, New Growth, free from Brush or Grass. Burlapped Bales, Single bales, \$1.50. Write for prices on larger quantities.

Green Sheet Moss, for windows, baskets, etc., per bale, \$1.40; 5 bales, \$1.35 per bale.

Above prices subject to change without notice.

FLAT SPRAY OR FLARING ROSE SPRINKLERS



Makes a wide flat spray, ideal for all kinds of sprinkling, especially gardens, flowers and delicate foliage. Heavy cast brass body. Sprinkler face is approximately $\frac{3}{8}$ inch by $5\frac{1}{4}$ inches. $\frac{3}{4}$ inch hose thread. With shut-off—Each, \$1.00; 3 for \$2.75.

"HOTHOUSE" SPRINKLERS (No. 3604)

Wrought brass. Medium weight for $\frac{3}{4}$ inch coupling. 4-inch face. Each, 70c; 3 for \$2.00.



SCOLLAY'S FLORISTS' SPRINKLER

None better for floral work. Made from best quality of rubber and will outwear any other Sprinkler in the market. Large size, plain top, No. 1, 6 in. high, each, \$1.50.



WATERWAND

Here's the New, Better Way to Water!



Irrigate the scientific, economical way with Waterwand. Nurserymen, horticulturists and home gardeners everywhere will testify to the many merits of this better watering device. A Kansas City grower of pot plants said, "We use two of these in our greenhouses and they are the finest thing for watering plants in a greenhouse that we have ever used."

Waterwand's 52-inch length enables you to reach the back of deep beds. Weighs about a pound. Attaches to the end of your garden hose. Each, \$2.50; 3 for \$7.20.

SOIL SOAKER

Made of Canvas Treated to Resist Mildew



of Soil-Soaker, uniformly, without spray. Easily moved without shutting off water, or getting wet. Self cleaning.

Made in Four Sizes

No. 0—12 ft. long.....	each, \$1.20; 3 for \$ 3.30
No. 1—18 ft. long.....	each, 1.70; 3 for 4.75
No. 2—30 ft. long.....	each, 2.75; 3 for 7.90
No. 3—50 ft. long.....	each, 4.40; 3 for 12.85

TANK SPRAYER NOZZLE

Auto Pop Nozzle No. 460



Nozzle complete for Auto Tank Sprayers. Each, \$1.60; 3 for \$4.50.

AUTO-NOZZLE



(Fig. 434). This is our patented standard nozzle for use with the Auto-Sprayer. It is light weight, will throw a very fine spray under low pressure, and is a real clog proof nozzle. Each, 65c; 3 for \$1.80.

PERFECT CLINCHING HOSE COUPLER



Coupler $\frac{3}{4}$ -inch. Per pair, 35c; per dozen, \$3.60.

HOSE MENDERS (Clincher Type)



The steel fingers of the "Bull Dog" Mend-er are scientifically designed to grip the hose without injury to the fabric, and when properly applied, are sure to hold the ends of the hose in position. $\frac{3}{4}$ inch, Each, 6c; Doz., 60c.

HOSE MENDERS ("Cooper")

$\frac{3}{8}$ in.....	Each, \$.07; Doz., \$.75
$\frac{1}{2}$ in.....	Each, .08; Doz., .85
$\frac{3}{4}$ in.....	Each, .09; Doz., .95
1 in.....	Each, .10; Doz., 1.10

HOSE CLAMPS (Bull Dog)

For $\frac{1}{2}$, $\frac{3}{8}$, $\frac{5}{8}$ inch hose. Galvanized Steel. Per dozen, 40c.



HOSE WASHERS (Rubber)

Very tough and durable, $\frac{5}{8}$ in. and $\frac{3}{4}$ in. Per doz., 15c; per lb., 75c.



SPRAY PUMP HOSE

Special Hudson high pressure, $\frac{3}{8}$ inch hose for sprayers. Per foot \$.20
25 feet—per ft.18

INSECTICIDES AND SPRAYING MATERIALS



ATLACIDE—A chlorate weed killer. Kills Bind Weed and other noxious weeds. Per lb., 40c; 10 lbs., \$3.00; 25 lbs., per lb., 28c.



ARSENATE OF LEAD. Powder. Superior to paste in that it does not deteriorate from standing. 1 lb., 25c; 4 lbs., 65c; 48 lbs., \$6.50.



BAIT-M. Acme. An effective bait for controlling cutworms, slugs, snails, grasshoppers, earwigs, sowbugs, etc. It is a ready prepared meal, packed in cartons and bags, that is simply broadcast on the ground under and around the vegetation. Water, rain or sprinkling will not harm it and it will not harm the plant. Prices, 1½ lbs., 30c; 4 lbs., 75c; 15 lbs., \$2.75.



BLACK LEAF 40. A concentrated nicotine solution for aphid, thrip and red spider. Dilute 1 oz. with 3 to 6 gallons of water.

	Ea.	Per Doz.	Number in Case
1 oz. bottles	\$.29	\$ 2.79	24
5 oz. bottles	.87	8.55	12
1 lb. bottles	2.25	20.70	12
2 lb. can	3.25	31.65	12
5 lb. can	6.25	66.60	6



BORDEAUX MIXTURE. Powder. Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gallons of water will make standard 3-3-50 mixture. 1 lb., 25c; 4 lbs., 60c; 48 lbs., \$6.35.

COPPER SULPHATE (Blue Vitrol). Powdered. Per lb., 18c; 25 lbs., 16c; per 100 lbs., 15c.

COPPER CARBONATE. Controls root rot on iris. 5-lb. package, 80c.

CYANOGAS - CALCIUM CYANIDE. (G grade for greenhouse fumigation.) Valuable for the destruction of aphid, white fly, soft scale, thrips in green houses. 5-lb. can, \$2.40; 25-lb. can, per lb., 32c; 100-lb. drum, per lb., 22½c.

DERRISOL "IT KILLS APHIDS"

Derrisol—1 oz. bottle, 25c; 8 oz. bottle, \$1.00; 1 lb. can, \$1.75; 10 lb. can, \$11.00.

Dogzoff. Discourages dogs, keeps them from places where they are not wanted. Per bottle, 45c; per dozen, \$4.90.

ACME ROSE SPRAY. Each set of Acme Rose Spray consists of three elements, giving complete protection from sucking insects, chewing insects and black spot and other fungus diseases. Packed in five size kits. Three separate cans to each kit.
No. 3 (Makes 12 qts.) Ea. \$.57
No. 6 (makes 24 qts.) Ea. .90
No. 24 (makes 96 qts.) Ea. 2.40
No. 48 (makes 48 gal.) Ea. 3.60
No. 96 (makes 96 gal.) Ea. 5.85

WEED KILLER (Acme). For killing weeds and grass, in driveways, paths, tennis courts and along curbs. Mix one part Acme Weed Killer with fifty parts of water, apply with watering can, giving a fine spray thoroughly wetting the weeds and the ground. 1 gal. can \$1.40; 5 gal. can \$5.00.

Dutox. For dusting cucumber and melon vines. Kills striped beetles, melon and squash bugs. 1 lb. pkg., 30c; 6 lb. pkg., \$1.25; 36 lb. case 6 6 lb. pkgs.), \$6.90.

FISH OIL Soap. Remedies for scale and aphid 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.90.

FORMACYDE (Formaldehyde Dust). For damping-off control of seedlings use 1½ oz. of Formacyde Dust per square foot of area of soil in beds, benches or flats 2½ to 3 inches deep. Where soil is 3 to 4 inches deep use 2 to 3 oz. of dust. 1 lb. can, 50c; 5 lb. can, \$1.85; 25 lb. drum, \$5.00; 50 lb. drum, \$8.75.

GARDEN GUARD (A Rotenone Dust). A non-poisonous garden dust which controls many chewing and sucking insects; also controls Mexican bean beetles. 1 lb. carton, 30c; 4 lb. bag, 50c; 25 lb. bag, \$2.75.



GRAPE AND ROSE DUST. Powder. A remedy for mold and mildew. Ready for use as bought. 1 lb. pkg., 35c; 5 lbs., \$1.35.

KOPPER QUEEN (Acme). A strong liquid copper spray for control of mildew, leaf spot and black spot on roses and other foliage. Pint can, 50c; quart can 75c; gallon can, \$2.00.

LETHANE 440. Best remedy for control of a wide variety of the more resistant pests, such as mealy bug. Qt., \$2.00.



LIME SULPHUR. Powder. Apply 12 to 15 lbs., in 50 gals. of water. 1 lb., 28c; 5 lbs., \$1.35; 12½ lb. pkg., \$1.50.



MEO 181 WEED KILLER

A Specific Eradicant for Dandelion, Crab Grass, Plantain and other common weeds which tend to spoil your lawn. Prices: 1 gal. can, \$1.40; 5 gals., \$6.55; 30 gals., \$31.00.

MOLE AND GOPHER EXTERMINATOR. Looks like a large firecracker, but instead of exploding makes a poison gas which runs through runs and kills moles and gophers; full directions on each exterminator. Doz., 55c; gross, \$6.00. Packed one dozen in a package.

NAPHTHALENE FLAKES. A small quantity mixed with the soil will prevent moles and rodents from destroying bulbs being planted. 1 lb., 15c; 25 lbs., 13c per lb.; 100 lbs., 12½c per lb.

INSECTICIDES AND SPRAYING MATERIALS



NICO FUME. Liquid. An effective vaporizing liquid. 1 lb., \$2.45; 4 lbs., \$6.55; 8 lbs., \$11.25.

"NICO-FUME" POWDER. Distribute the cans in the greenhouse walks at proper distances apart to secure uniform distribution of the fumes.

1/2 lb. Tins..... Each \$.45
1/2 lb. Tins (12 per case), Per Case 4.45

12 lbs. (that is, 12 1-lb. "Nico-Fume" Powder Pressure-Fumigators) 7.40

6 lbs. (that is, 6 1-lb. "Nico-Fume" Powder Pressure-Fumigators) 3.75

1 lb. (that is, 1—1-lb. "Nico-Fume" Powder Pressure-Fumigator)75
5 lb. cans, each 3.65
10 lb. cans, each 6.30

PARIS GREEN. 1 lb., 45c; 5 lbs., \$2.00; 14 lbs., \$4.75.

PYROCIDE DUST NO. 15. High in killing power. Will kill squash and cucumber bugs as well as many others. Is non-poisonous. 1 lb. pkg., 40c; 5 lb. pkg., \$1.25; 10 lb. bag, \$2.50; 25 lb. bag, \$5.40.

PYRETHRUM POWDER. Pure, finest quality. 1 lb. pkg., 75c; 5 lb. pkg., \$3.50.

RED SQUILLS. Powder for Rat Control. Deadly to Rats, Mice and Rodents, but harmless to other animals and human beings. Highly recommended by the U. S. Dept. of Agriculture. Per lb. \$1.50.



VOLCK. A powerful insecticide also safe to use, kills Red Spider, mites, aphis (greenfly), thrips, mealy bugs, scales, white fly, caterpillars, leaf rollers, 1/2 pint can, 35c; 1 qt., 75c; 1 gal., \$2.00; 5 gals., \$6.25; 14 gals., \$14.00.

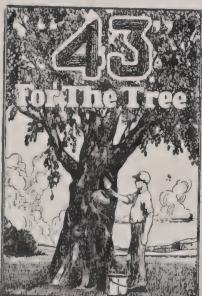
ZENKE'S FUNG'CIDE. Recommended for mildew, Rust Leaf spots, black molds or blotches, wilts and blights, damping off, galls and leaf curl. 1 qt. can, 90c; 1 gal. can, \$2.85; 5 gals., \$13.75.



Semesan. To prevent or control effectively a most diversified variety of parasitic disease and fungoid growths borne by seeds, seed pieces, plants, grafts and soils. 2 ozs., 35c; 1 lb., \$2.25; 5 lbs., \$9.90; 25 lbs., \$45.50.

Slug Shot. One of the best known remedies for cabbage and currant worms. Apply as bought. 1 lb., 20c; 5 lbs., 90c; 25 lbs., \$2.75.

TREE PAINT AND PASTE "43". Apply with a brush to all exposed cuts, bruises or cracks; protects wounds, aids in keeping a tree healthy and free from the destructive work of rot and decay. Pint can, 30c; qt., 50c; gal., \$1.50. Paste, pint, 30c; quart, 50c; gal., \$1.50.



SELOCIDE. Kills from 90 to 100 per cent of red spiders in just one application. Selocide also kills the eggs and it does not harm tender plants when properly used. Gal. can, \$3.00; 5 gal. can, \$13.50, to make 50 gals. of spray.

SULPHUR. Powdered. For mildew, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50. Extra fine, 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$4.60.

SULPHUR WETTABLE. Can be used with water. 5 lbs., 65c; 10 lbs., \$1.15; 25 lbs., \$2.75; 100 lbs., \$9.50.

TERRO ANT KILLER. By applying a small quantity of liquid on pieces of cardboard and set around where the ants run, in a few days they will disappear. 7 gram bottle, each, 20c; 2 oz. bottle, 45c.

TERRO ROACH KILLER. Will kill roaches and water bugs and keep them out if directions are followed on the package. 4 oz. can, 30c; 1 lb. can, 90c.

TOBACCO DUST. Fine. Made especially for dusting. 10 lbs., 75c; 25 lbs., \$1.55; 50 lbs., \$2.75; 100 lbs., \$4.95.



TREE TANGLEFOOT. A paste preparation painted around the trunk of a tree to keep caterpillars, etc., from crawling into the tree. 1 lb., 70c; 5 lbs., \$3.35; 10 lbs., \$6.50; 25 lb. paid, \$15.30.

ACME "STOP"

TREE BANDING COMPOUND Controls Crawling and Climbing Insects

Acme "STOP" is just that—it stops insects by enmeshing them in its gummy stickiness when a crossing is attempted. Even light, powerful insects, such as ants, find its stickiness more than can be overcome. No method of insect control is more effective against ants, climbing cut worms, red spiders and the larvae of bagworms, gypsy moths, brown-tailed moths, canker worms, than the tree-banding method, especially with the use of "STOP".

6 oz. cans	Each, \$.28; per doz. \$2.60
1 lb. cans	Each, .50; per doz. 5.15
5 lb. cans	Each 2.50
10 lb. cans	Each 4.25
25 lb. drum	Each 9.25

TRI-OGEN

The all purpose spray gives complete protection against all fungous diseases including mildew, black spot, rot, canker, also kills all eating and sucking insects. Packed in four size kits:

"A" Size Small Kit (makes 16 qts.) Each \$1.00
"B" Size Medium Kit (makes 32 qts.) Each 2.67
"C" Size Large Kit (makes 92 gal.) Each 4.00
"D" Size Estate Kit (makes 128 gal.) Each 13.85

"RED ARROW" SPRAY

A very effective spray for both chewing and sucking insects. Contains proper proportion of Soap Spreader and Activator.

1-oz. bottles	Each \$.25
4-oz. bottles	Each .85
Pint bottles	Each 2.00
Quart bottles	Each 3.35
Gallon bottles	Each 10.70
5 gal. drums	Each 47.50

ROTECIDE—Harmless to plants, flowers and foliage. Very effective in control of Red Spider, Cyclamen Mite and Mealy Bug. Pt., \$1.75; qt., \$3.00; gal., \$8.00.

SCALIDE—For control of scale. Gal. can, \$1.60; 5 gal. can, \$6.00.



PLANT STIMULANTS

HORMODIN POWDER

In Three Strengths

Simplifies the Rooting of Cuttings

Hormodin Powder makes it possible to propagate practically all varieties of plants from cuttings.

The Hormodin treatment enables growers to transplant from the propagating bench to the field much earlier than with the usual practice. Treated cuttings establish themselves readily when transplanted. Many species, heretofore considered impossible to propagate from cuttings, may now be grown successfully from cuttings treated with Hormodin Powder.

1 oz. powder will treat about 2,500 cuttings of average size.



Carnation

POWDER No. 1

Designed primarily for use on carnations, chrysanthemums, poinsettias, roses, and similar types. Many house, garden and greenhouse plants are included in the complete list. 1½ oz. can, 50c; 1 lb. can, \$3.00.

POWDER No. 2

Designed for use on less sensitive species, which comprise many of the semi-woody types and many of the common shrubs. 1½ oz. can, 75c; 1 lb. can, \$4.50.

POWDER No. 3

Designed for use with the more resistant species which comprise most evergreens and dormant leafless cuttings. 1 oz. can, \$1.00; ½ lb. can, \$4.50.

COMBINATION PACKAGE

Powder No. 1, Powder No. 2, and Powder No. 3—in one carton—Each \$.75

FLORALIFE

Makes Your Cut Flower Live Longer



To sell at 10c. Each colorful package makes 1 quart solution . . . Packed in attractive counter display cartons . . . It will pay you to put a package in every box of cut flowers you sell.

25 packages	\$1.60
50 packages	2.75
100 packages	5.00

Bulk Floralife

1 50-qt. can	\$ 1.40
6 50-qt. cans	8.00
12 50-qt. cans	15.00

VITAMIN B-1 IN HORTICULTURE

- (1) Vitamin B-1 tends to stimulate rate and amount of growth;
- (2) Vitamin B-1 tends to give larger blooms;
- (3) Vitamin B-1 tends to produce healthier, sturdier plants;
- (4) Vitamin B-1 tends to reduce losses during transplanting, especially when little or no soil adheres to roots;
- (5) Vitamin B-1 tends to stimulate growth and good health of seedlings;
- (6) Vitamin B-1 may prove an important factor in lawn conditioning.

VITAMIN B-1—(Powder)

1 Grain Vial (Makes about 1700 gallons.) Per Vial, 50c; Per dozen, \$4.80.

5 Grain Vial (Makes about 8500 gallons.) Per Vial, \$1.75.

VITAMIN B-1—(Liquid)

Trial Size—(Makes 100 gal.) Each, 20c; Per dozen, \$1.80.

Large Size—(Makes 800 gal.) Each, 75c; Per doz., \$7.20.

Syphonette Kit—(Makes 800 gal.) Each, \$1.75; doz., \$18.00.

ROOTONE

Improves Rooting of Cuttings, Seeds and Bulbs

Makes Heavier Grass Turf

Causes Faster Germination of Seeds

Increases Plant Growth—Reduces Wilt

When seeds and bulbs are dusted with ROOTONE and planted, germination is quicker (most noticeable in sluggish seeds like those of perennials), and root growth is faster and heavier. This means stronger, healthier plants, and frequently results in faster growth and earlier flowering.

ROOTONE keeps for years in the dry state, and becomes effective only in the presence of sufficient moisture to dissolve out the hormone, as in the seed flat or cutting bed. ¼ oz., Pkt. 25c; 2 oz. Jar, \$1.00; 1 lb. Can, \$5.00.

TRANSPLANTONE

REDUCES LOSS IN TRANSPLANTING

Many ornamental evergreens do not respond well to chemical fertilizer, and TRANSPLANTONE is especially suited to them because it increases root systems. All the shrubs and trees that require humus around their roots, like TRANSPLANTONE. Outstanding among them are azalea, pyracantha, juniper, pine, hemlock, rhododendron, holly, and arbor vitae.

The amount of stock or transplant solution required will vary with the size of the ball of earth around the roots. A 12- to 15-inch ball takes two gallons of stock solution; a 2-foot ball, 4 gallons; a 5-foot ball, 20 gallons; and a 10-foot ball, 50 gallons. On the larger trees a layer of peat moss around the cavity will prevent it from draining off too fast.

One oz. makes 10 gallons transplant solution or 100 to 1000 gallons of weekly watering solution. Oz. can, 50c; 3 oz. can, \$1.00; 1 lb. can, \$4.00.

HIGH GRADE FERTILIZERS AND PLANT FOODS

ALL PRICES ARE SUBJECT TO MARKET CHANGES

ALUMINUM SULPHATE

Used by growers for turning Hydrangeas Blue.	
5 lbs.	\$.35
25 lbs.	1.25
4 oz. to 5 gallons of water—twice a week	

AMMONIUM SULPHATE

20½% Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 25 lbs., \$1.25; 50 lbs., \$2.20; 100 lbs., \$3.95.

BONE MEAL

Fine ground, steamed Bone Meal, works much quicker than raw bone. Has been used for years and is still popular. Analysis: 2% Nitrogen; 27% Phosphoric Acid. 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.75.

BLOOD MEAL

13½% organic nitrogen. Rather coarse in physical form and dissolves slowly. Ideal in manure mulch on bench plants. 2 to 4 lbs. per 100 sq. ft. Price, 25 lbs., \$1.85; 50 lbs., \$2.75; 100 lbs., \$5.00.

BLOOD AND BONE—Tankage

5½% Nitrogen, 30% Bone Phosphate of Lime. One-fourth pound mixed in the soil when planting new roses and a tablespoon stirred in the top soil every two weeks will give wonderful results; both to plant and foliage growth as well as more and better roses. 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.75.

CATTLE MANURE

Archer brand, pulverized Cattle Manure, which is considered by Florists and Nurserymen as one of the finest natural fertilizers. Analysis: 2% Nitrogen; 1% Phosphoric Acid; 1% Potash. Per 100 lbs., \$1.65; 500 lbs., \$8.00; 1,000 lbs., \$15.00; 2,000 lbs., \$29.00.

Charcoal (Ground)—Packed in 50 lb. burlap sacks; per sack, \$1.60; No. 6, Coarse; No. 10, Fine.

HARDWOOD ASHES

4% Potash. In addition to the Potash this product has a special value for soil conditioning. Price, 100 lbs., \$1.25; 500 lbs., \$6.00.

HYDRATED LIME

Will correct, and prevent sour soil if used as a top dressing on lawns in fall or early in Spring. 10 lb. pkg., 28c; 50 lb. bag, 75c.

LEAF MOLD

Fine quality sifted, packed in two bushel sacks. Per sack, 90c; 5 sacks, \$4.00; 10 sacks, \$7.80.

MILORGANITE

A specially prepared lawn fertilizer, high in Nitrogen and so constituted as to retain its nitrogen over long periods. Analysis: 6% Nitrogen; 2.75% PHOSPHORIC ACID. Per 100 lbs., \$2.50.

MURIATE OF POTASH

50% Potash. Used in addition to bone meal on various plantings. Price, 25 lbs., \$1.60; 50 lbs., \$2.65; 100 lbs., \$4.75.

NITRATE OF SODA

16% Inorganic Nitrogen, readily soluble and quickly available—use inside or outside as top dressing—side dressing—or in liquid manures. 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.95.

PEAT MOSS

Granulated—Canadian or Swedish

Imported—Finest Quality. Approx. Analysis: Mineral contents, 2%; Nitrogen content, 1%; Organic substance, 97%; Trace of Potash and Phosphorus.

Swedish—1 to 4 bales, per bale, \$4.50; 5 to 10 bales, per bale, \$4.40.

Canadian—1 to 4 bales, per bale, \$3.85; 5 to 10 bales, per bale, \$3.75.

SHEEP MANURE

Archer Brand pulverized sheep manure which is treated to kill seed weeds which are so often found in natural manures. Put up in paper lined bags. Gives immediate results, easy to apply and is a well balanced lawn fertilizer. Analysis: 2% Nitrogen; 1% Phosphoric Acid; 2% Potash. 50 lb. bag, \$1.00; 100 lbs., \$1.65; 500 lbs., \$8.00; 1,000 lbs., \$15.00; 2,000 lbs., \$29.00.

SULPHATE OF POTASH

48% Potash. Used in addition to Bone Meal for additional Potash. 25 lbs., \$1.90; 50 lbs., \$3.25; 100 lbs., \$5.75.

SUPER PHOSPHATE

20% available. Used on crops requiring an excessive amount of phosphoric acid. 25 lbs., 85c; 50 lbs., \$1.40; 100 lb. bag, \$2.25; 1,000 lbs., \$21.00; 2,000 lbs., \$40.00.

45% available: 25 lbs., \$1.20; 50 lbs., \$1.90; 100 lb. bag, \$3.25; 1,000 lbs., \$30.00; 2,000 lbs., \$57.00.

SWIFTS RED STEER 4-8-6

A special florist's fertilizer containing 4% Nitrogen, 8% Phosphoric Acid, 6% Potash. Packed in 80-lb. bags. Per bag, \$2.25; 5 bags, \$10.75.

TOBACCO FERTILIZER

Ground Tobacco Stems which is valuable as a fertilizer on account of its Potash contents and as an insect destroyer from its Nicotine. Analysis: 3% Nitrogen; 6% Phosphoric Acid; 4% Potash; 3% Nicotine. Packed in 50 lb. bags. Per 100 lbs., \$2.00; 500 lbs., \$9.50.

VIGORO

Where Vigoro is applied to plants grown on benches or in pots, it should be worked into the soil and the plants then watered. When Vigoro is to be used in soil for repotting, mix the plant food thoroughly with the soil. Analysis: 4% Nitrogen; 12% Phosphoric Acid; 4% Potash.

Per Case

1 lb. Pkgs. (32 to case)	\$1.92
5 lb. Pkgs. 35c each (14 to case)	4.06
10 lb. Pkgs., 65c each (6 to case)	3.36
25 lb. Bags, each	1.00
50 lb. bags, each	1.70
100 lb. bags, each	2.75



ZENKE'S NEW PLANT LIFE

Is a complete and ready plant food in liquid form, mix about one tablespoonful to one gallon of water. Analysis: Nitrogen, 2%; Phosphoric Acid, 2%; Potash, 2%. Per qt., 85c; gallon, \$2.85.



HYPONEX—Plant Food

HYPONEX is a scientifically compounded mixture of chemicals in dry form which, when dissolved in water, yields a nutrient solution which is capable of supplying all the essential elements in a properly balanced form necessary for vigorous plant growth.

3 oz. cans (makes 18 gallons), each, 20c; 1 lb. cans (makes 100 gallons), each, 85c.

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HARNDEN'S LAWN GRASS SEEDS AND SUPPLIES

All Prices Are Subject to Market Changes

KENTUCKY BLUE GRASS

The ideal months of the year for sowing Kentucky Blue Grass are September, October, February and March. A good crop of fine seed has been harvested this year and prices are very reasonable.

New Crop Seed Now Ready

Blue grass lawns are a man-made product and must be sowed at least once and preferably twice a year to keep in good condition. We supply to our customers only the heaviest seed of Kentucky Blue Grass in extra fine quality and of the highest germination.

HARNDEN'S EVERGREEN LAWN SEED

The Standard Lawn Mixture

A special blend of fine leafed grasses prepared especially for sowing on bare ground or for filling in bare spots on an old lawn. The body of this mixture is composed of K. C. Brand Kentucky Blue Grass blended with Red-Top and with a number of quicker growing grasses which will act as a nurse crop for the blue grass. These quicker grasses are those that will be crowded out by the blue grass or will die out the second year after the sod is well established. This is the finest combination that can be obtained for a permanent lawn.

SHADY LAWN GRASS

Our combination of fine low-growing evergreen grasses which grow in their wild native state in heavily wooded locations or other shaded or sheltered locations. This mixture will give splendid satisfaction on nearly any lawn that has bald spots under trees which ordinarily give the greatest amount of trouble to get permanently into grass. (For the further information of our customers, we advise them that the soil under trees long standing is apt to be acid or sour. This can be easily corrected by making an application of lime at the rate of 50 lbs. to 1,000 square feet.)

HARNDEN'S "TERRACE SOD" LAWN GRASS

One great difficulty in getting a terrace seeded is the fact that ordinary shallow rooted grasses are used. These are quickly killed on account of the added exposure and lack of moisture. "Terrace Sod" mixture is composed of those grasses which are deep rooted and which will stand the greatest amount of drouth and exposure. These grasses by their long-rooted characteristics aid in binding the soil together and prevent washing.

EROSIONET FOR STUBBORN TERRACES

Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface, its $\frac{1}{4}$ -inch square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. Thus, damaging "washouts" from heavy rains are effectively checked without cutting off the sunlight.

Erosionet also catches and holds moisture. It helps overcome seed losses and lawn disappointments from poor germination. Erosionet never presents an unsightly appearance, clover and grasses soon rendering it almost invisible. Erosionet is rot-resisting and can easily be removed when grass becomes $2\frac{1}{2}$ in. high. Comes in rolls 45 in. wide and can be purchased in any lengths. Yard, 10c.



KENTUCKY BLUE GRASS

	10-lb. Lots Per lb.	25-lb. Lots Per lb.	50-lb. Lots Per lb.	112-lb. Bag Per lb.
K.C. Brand—21 lbs. per bu.	.21	.20	.19 $\frac{1}{2}$	.19
Superfine—25 lbs. per bu.	.23	.22	.21 $\frac{1}{2}$	.21
Extra Superfine—28 lbs. per bu.	.25	.24	.23 $\frac{1}{2}$	.23

HARNDEN'S MIXED LAWN GRASS

	10-lb. Lots Per lb.	25-lb. Lots Per lb.	50-lb. Lots Per lb.	100-lb. Lots Per lb.
Terrace Grass	\$.23	\$.22	\$.21 $\frac{1}{2}$	\$.21
Evergreen—Lawn	.21	.20	.19 $\frac{1}{2}$	.19
Shady Lawn	.23	.22	.21 $\frac{1}{2}$	.21

MISCELLANEOUS LAWN GRASS

	10-lb. Lots Per lb.	25-lb. Lots Per lb.	50-lb. Lots Per lb.	100-lb. Lots Per lb.
Rye Grass	\$.10	\$.09 $\frac{1}{2}$	\$.09	\$.08 $\frac{1}{2}$
Red Top	.14	.13 $\frac{1}{2}$	.13	.12 $\frac{1}{2}$
Bermuda Grass	.41	.40	.39	.38
Poa Trivialis			Ask for Price	
Chewings Fescue	.42	.41	.40 $\frac{1}{2}$	.40
Seaside Creeping Bent (Certified)	.75	.72	.71	.70

WHITE DUTCH CLOVER

	5-lb. Lots Per lb.	25-lb. Lots Per lb.	100-lb. Lots Per lb.
K. C. Brand	\$.80	\$.77	\$75.00

GRASS AND FERTILIZER SPREADERS



Special—Spreading width, 36 inches; hopper capacity, 100 pounds. A great time and money saver on larger places. Essential on golf courses, estates, parks, etc. Ea., \$20.00

Standard—The spreading width of this model is 24 inches and the hopper capacity is 65 pounds. The man with fair-sized property will welcome it. A favorite on school, hospital, factory grounds, etc. A great time saver. Each

\$13.00

Junior—A larger hopper, 16 inches spreading width and 35-pound capacity. Convenient size for the average home. Sturdy, lasts a lifetime. A very popular model. Ea. \$6.45

Model B—Just the right size for the small home owner. Spreading width 14 inches, hopper capacity 15 pounds. So light weight and convenient for the lady gardener. Attractive low price. Each

\$2.85

SPEEDY CULTIVATOR AND MULCHER



This is a TRUE TEMPER tool and the handiest, made for use on the lawn for scratching up bare spots preparing for seeding, also for cultivating flower beds. Each, \$1.25; 3 for \$3.60.